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ASTRONOMICAL OBSERVATIONS

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LONDON: Fetter Lane, E.C. 4

NEW YORK: G. P. PUTNAM'S SONS
BOMBAY, CALCUTTA, MADRAS: MACMILLAN AND CO., Ltd.
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ASTRONOMICAL OBSERVATIONS

MADE AT THE OBSERVATORY OF CAMBRIDGE

VOLUME XXV

CATALOGUE OF THE ZONE
+25° to +30° DECLINATION

FROM OBSERVATIONS MADE IN THE YEARS 1872 TO 1896

ENLARGED EDITION

CONTAINING THE RESULTS OF THE INDIVIDUAL OBSERVATIONS
WITH AN
APPENDIX OF REVISION OBSERVATIONS
IN THE YEARS 1897 TO 1899

15425-3
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CAMBRIDGE
AT THE UNIVERSITY PRESS
1919

INTRODUCTION

The Cambridge Catalogue of 14,464 Stars in the Zone +25° to +30° for the epoch 1875·0 was published by the Astronomische Gesellschaft in 1897. In the introduction to that catalogue it was stated that a larger edition would be published, containing the results of individual observations with more detailed information. The present volume fulfils this promise.

In 1897—1899 further observations were made by Miss A. Walker of stars which had been observed once only for the original catalogue or showed discordances requiring investigation. The results are printed in the Appendix to this volume.

The preparation of this volume and the revision of the proof-sheets are the work of Mr W. E. Hartley. The last sheets were examined by him in the spring of 1916 whilst on leave of absence from his work as Naval Instructor which he had undertaken for the duration of the war. A few months later on July 9, he lost his life in the explosion of H.M.S. *Vanguard*.

It thus falls to one who has not been associated with the work to prepare a brief introduction. For the most part the original records are clear, and preserved in good order; and it has not been difficult to resolve any questions that arose. But the complete discontinuity with the original staff of the Observatory concerned in this work may possibly have led to certain points in the plan being overlooked or misunderstood.

The Meridian Circle by Troughton and Simms with an object-glass by Cooke and Sons was completed in December 1870. Observations of the zone stars were started almost at once; but these early observations were rejected, when a more definite plan of observation had been settled, and the present catalogue starts with the night of May 27, 1872. By the end of 1880, some 33,000 observations of zone stars had been obtained; it was then stated that there remained only 723 stars that had not been observed once, and 4742 observations were needed to complete the programme of three observations of each star. At that time the work was considered to be nearly at an end, and it only remained to glean up the isolated observations, chiefly of the more difficult stars, needed for completion. However, the long period occupied by the reductions afforded opportunity for more observations, and the programme was extended, possibly more than once; 2300 faint stars were added after the year 1888. The following numbers give a general idea of the distribution of observations:

1872—1880	33400	observations
1881—1888	13300	,,
1889—1896	4200	,,

Some account of the instrument and methods of observation is given in the Astronomische Gesellschaft edition of this catalogue, and also with more detail in *Cambridge Observations*, Vol. XXIII. It is difficult after so many years to ascertain further particulars. The following account is taken chiefly from these sources and from the annual reports of the Observatory.

The Meridian Circle is of 8 inches aperture and about 9 feet focal length. It is reversible in its bearings and carries two circles; but it has always been used in one position and only the West circle is read.

The transits were observed by eye-and-ear; and the observing clock was necessarily placed in an exposed position unfavourable to securing constancy of rate. The clock was overhauled in March 1876 and an improvement in its performance was noted. In measuring the declinations, the star was placed midway between two horizontal wires $11''$ apart, and a single micrometer-reading for bisection was taken. Until the autumn of 1883 the stars were observed in zones about 1° wide on each night in order to facilitate the reductions. The transits were usually taken over 3 wires (the actual number in each case is given in this catalogue), and two of the circle-microscopes, *B* and *D*, were read. The standard stars were observed on 7 wires; all four microscopes were read, but virtually the readings of *A* and *C* were ignored so far as these reductions are concerned. After 1883, zone and standard stars alike were observed on 7 wires with four microscope readings. The transits were observed by Mr A. Graham up to the end of 1892, Mr H. Todd reading the circle. In 1893 Miss Walker and Mr Graham shared the observing, and from 1894 onwards Miss Walker alone observed.

The field of view is illuminated through the axis by an annular reflector, the intensity of illumination being varied by tilting the reflector. It was originally intended to observe the faint stars over bright wires in a dark field; but the means provided did not give a satisfactory illumination. It was, however, found that by using a red screen the faintest stars could be seen on the red background with dark wires. This device seems to have been introduced in 1876; we infer this, because the report for that year refers to attempts to improve the original method of illumination, and the red screen is mentioned for the first time as though it had been recently tried. We may expect that the adoption of a more satisfactory illumination for the faint stars would introduce a change of magnitude equation at about this date, and possibly the change detected in the *Oxford Astrographic Catalogue*, Vol. VIII, Part I, p. 137, may be referred to this cause. There are no records in the observers' note-books to show when the screen was used; it was generally turned aside for the standard stars and possibly for other bright stars.

A rather serious shake of the tube carrying the eye-end was discovered by nadir observations in 1871; the tube was strengthened in 1874 and the error then became insignificant.

The object-glass was taken apart and cleaned in June 1888.

The usual instrumental errors were regularly determined although their effect is mainly eliminated in differential observations.

Tests were made for back-lash of the declination and collimator-micrometers, and also for creep in the clamp and slow-motion of the telescope. The tests revealed no errors from these causes.

The form of the pivots appears to be very satisfactory. The correction to the right ascensions was found to be

Dec. 0° to 20°.	$-0^{s}.02$
20° to 36°	-0.01
36° to 40°	0.00

This would be eliminated in the present catalogue since the places are differential.

Frequent determinations of flexure were made on the collimators. The mean value (expressed as a correction to the observed declinations) is $+0''.50 \sin z$.

The division-errors determined by an extensive series of observations in 1883—84 are as follows:

Corrections to observed Declinations

Dec.	Correction	Dec.	Correction
+ 20	+″·105	+ 28°	+″·257
21	+·120	29	+·082
22	+·230	30	+·065
23	+·155	31	+·310
24	−·167	32	+·380
25	−·295	33	+·519
26	+·148	34	+·252
27	+·069	35	−·005

No corrections for flexure or division-error have been applied.

The reduction was entirely differential, the clock-error and zenith-point being determined from observations of standard stars in and near the zone. Usually six standard stars were observed each night. Up to the year 1882 inclusive their places were taken from ephemerides published by the Astronomische Gesellschaft. From 1883, owing to the discontinuance of these ephemerides, the places were taken from the *Berliner Jahrbuch.* The slight discontinuity is not important since the latter places are based on the same fundamental system.

The precessions and secular variations were calculated from Struve's constants.

Systematic Errors of the Catalogue

As the mean results of these observations have been available for general discussion during the past twenty years, no special investigation of the errors appears to be necessary in connection with the present volume. It will be sufficient to quote the results of comprehensive discussions which have already been made elsewhere. The zone has twice been reobserved, photographically at Oxford, and with the transit-circle at Greenwich; but the latter catalogue is not yet published.

Professor Lewis Boss has given the following systematic corrections required to reduce to his fundamental system (*Preliminary General Catalogue*, pp. 304, 327):

Corrections depending on Right Ascension

R. A.	$\Delta\alpha$	$\Delta\delta$	R. A.	$\Delta\alpha$	$\Delta\delta$
0^{h}	−^{s}·019	+″·10	12^{h}	−^{s}·021	−″·10
1	−·019	+·12	13	−·016	−·12
2	−·019	+·13	14	−·011	−·13
3	−·018	+·13	15	−·002	−·13
4	−·017	+·12	16	+·004	−·12
5	−·017	+·11	17	+·005	−·11
6	−·017	+·09	18	+·005	−·09
7	−·018	+·06	19	+·002	−·06
8	−·020	+·02	20	−·002	−·02
9	−·022	−·01	21	−·007	+·01
10	−·023	−·04	22	−·012	+·04
11	−·022	−·08	23	−·016	+·08

Corrections depending on Declination

Dec.	Δα	Δδ
+25°	^{s}·000	−0″·28
+26	·000	·00
+27	·000	+ ·22
+28	·000	+ ·32
+29	·000	+ ·31
+30	·000	+ ·22

Magnitude Equation

Mag.	Δα
4	−^{s}·002
5	−·006
6	−·010
7	−·016
7·5	−·025
8	−·038
8·5	−·059
9	−·091

Professor Boss did not investigate the magnitude equation in declination. The practice of placing the star midway between two rather widely separated horizontal wires is particularly liable to introduce magnitude equation; and, in fact, other investigators have found a considerable correction.

Professor Auwers has given a comparison of the various Astronomische Gesellschaft catalogues with his fundamental system in *Astronomische Nachrichten*, Vol. 161, Nos. 3842–4. We take from this the following table of the magnitude equation for Cambridge:

Mag.	Δα	Δδ
5·0	−^{s}·003	+0″·16
5·5	−·011	+0·18
6·0	−·019	+0·20
6·5	−·025	+0·22
7·0	−·033	+0·24
7·5	−·043	+0·28
8·0	−·057	+0·33
8·5	−·081	+0·45
9·0	−·124	+0·57
9·5	−·184	+0·69

An extensive discussion of the Cambridge magnitude equation obtained by comparison with the astrographic places is contained in the *Oxford Astrographic Catalogue*, Vol. VIII, Part I, p. 128. The results are given in a table on p. 137, the unit being 0″·03. The mean results and those of Auwers quoted above are in fair agreement.

Since the great bulk of the observations were taken by Mr A. Graham, it is his magnitude-equation that principally affects the catalogue. So far as I can make out from the records, all the transits up to the end of 1892 were taken by him. In 1893 there was some overlap of observations by him and Miss Walker. From 1894 onwards Miss Walker was the sole observer. It appears from the table in the *Oxford Catalogue*, that her magnitude equation in right ascension must have been of opposite sign to that of Mr Graham; due allowance should be made for this in comparing her revision observations in the Appendix with the main catalogue.

The probable error of a single observation calculated from the internal discordances is

$0^{s}.066$ in R. A. $0''.51$ in Dec.

A severer test is the comparison with other catalogues. In this way, after correcting for systematic error, Auwers deduced an average accidental error

$0^{s}.058$ in R. A. $0''.51$ in Dec.

for a catalogue place with an average of 3·44 observations.

EXPLANATION OF THE CATALOGUE

The following catalogue contains the ledgers of the separate observations. For each star the first line (in the Clarendon Type) gives:

The serial number in the *Cambridge Catalogue*.

The star's magnitude from estimates made by the observer in conformity with the B.D. scale.

The precession and secular variation for 1875·0 in right ascension.

The precession and secular variation for 1875·0 in declination.

The B.D. zone and number.

Below are entered particulars of the individual observations, viz. the year, month and day, the number of wires on which the transit was observed, and the concluded right ascension and declination for 1875·0.

In the last column notes are occasionally added. These refer to:

(1) The observer's remarks as to the character of the observation or identity of the star when several were in the field. d. = double, c.d. = close double; e.g. c.d.n.p. means north preceding star of close double, c.d.m. mean of close double.

(2) Emendations which have been applied to the original records in the observer's notebooks. int. refers to the numbering of the right ascension wires; r. to the revolutions of the declination micrometer. *B* and *D* are the two circle-microscopes.

(3) Corrections to the results printed in the first edition of the catalogue (Z.C.). Thus for No. 49, the entry Z.C. α $38^{s}.73$ means that the seconds of right ascension should be $38^{s}.73$ instead of the result ($38^{s}.74$) previously given. Most of these corrections are trivial; but the more important errata already published on p. 306 of the original catalogue are noted.

(4) Miscellaneous Notes:

* Reduced weight given.

† Further observations are given in the Appendix.

§ The observation was rejected or overlooked in the first edition of the catalogue.

A. S. Eddington.

OBSERVATIONS

FOR

CAMBRIDGE ZONE CATALOGUE

1	$9^{\rm m}.1$	$3^{\rm s}.0724$	$+0^{\rm s}.0167$	+20″.054	−0″.009	26° 4746	
	81.11.19	3	$0^{\rm h}\ 0^{\rm m}\ 4^{\rm s}.099$	26° 23′ 38″.01			
	81.12. 3	3	3.981	40.00			
	89.11.25	7	4.144	40.00			
2	9.2	3.0724	+0.0172	+20.054	−0.009	27° 4675	
	85.11.16	5	0 0 4.154	27 11 59.73			
	85.12.10	5	4.337	60.92			+ 1′
	89.11. 6	6	4.032	61.51			
	89.11.12	7	4.099	59.94			
3	7.5	3.0725	+0.0180	+20.054	−0.009	28° 4704	
	72.11.21	3	0 0 7.721	28 19 53.46			
	78.10.28	1	7.943	53.47			
	79.11.11	3	7.829	52.77			
	79.12. 4	3	7.916	52.48			
4	7.3	3.0727	+0.0177	+20.054	−0.009	27° 4676	
	73.11. 5	1	0 0 10.430	27 51 27.41			
	85.11.18	5	10.240	27.99			
	85.11.19	5	10.149	28.53			
5	8.9	3.0730	+0.0179	+20.054	−0.009	28° 4705	
	79.11.21	3	0 0 14.963	28 8 2.80			
	79.12. 1	3	14.874	4.48			
	91.12. 4	7	14.822	5.14			
6	8.5	3.0732	+0.0189	+20.054	−0.010	29° 5063	
	73.11.12	2	0 0 18.231	29 40 42.92			
	74.12. 5	3	18.032	43.65			
7	9.0	3.0734	+0.0180	+20.054	−0.010	28° 4706	
	79.11.29	2	0 0 22.957	28 15 19.48			
	79.12. 1	2	22.922	19.20			
8	9.0	3.0734	+0.0181	+20.054	−0.010	28° 4707	
	79.11.18	3	0 0 23.025	28 25 37.73			
	80.12.11	3	23.241	37.89			
	83.10.29	4	22.975	39.02			
	83.11. 6	4	23.017	37.28			
	83.11.12	3	22.900	38.11			
	85.12. 7	5	22.978	38.77			
9	9.5	3.0734	+0.0161	+20.054	−0.010	25° 5071	
	78.10.29	1	0 0 25.107	25 26 9.90			
	96. 9.30	5	25.476	10.28			
	96.10. 9	3	25.823	7.78			§ v. ft.
10	9.5	3.0736	+0.0159	+20.054	−0.010	25° 5072	
	80.10.29	3	0 0 30.113	25 9 28.35			
	96.10.21	7	29.835	26.57			v. ft.
11	8.7	3.0743	+0.0185	+20.054	−0.010	28° 4708	
	84.11.10	5	0 0 37.279	28 56 14.40			
	84.11.20	6	37.280	13.21			
$11^{\rm a}$	9.0	3.0743	+0.0194	+20.054	−0.010	30° 5091	
	96.10. 9	1	0 0 37.327	30 15 51.81			
	96.10.22	7	37.523	51.28			
12	7.2	3.0749	+0.0164	+20.054	−0.011	25° 5073	
	79.11.17	3	0 0 55.734	25 45 30.69			
	79.11.21	3	55.850	29.85			
13	$8^{\rm m}.8$	$3^{\rm s}.0753$	$+0^{\rm s}.0179$	+20″.054	−0″.011	27° 4680	
	83.10.29	4	$0^{\rm h}\ 0^{\rm m}\ 59^{\rm s}.047$	28° 0′ 53″.89			
	83.11. 9	3	59.290	52.66			
	83.11.10	3	59.172	52.35			
14	9.4	3.0764	+0.0161	+20.054	−0.011	25° 1	
	81.12. 3	3	0 1 29.922	25 16 1.62			†
15	7.6	3.0774	+0.0187	+20.054	−0.012	29° 2	
	73.11.12	3	0 1 34.750	29 8 28.11			
	84.11.21	7	34.545	30.37			
16	9.5	3.0771	+0.0173	+20.054	−0.012	— —	
	73.11.15	3	0 1 38.889	26 58 1.66			†
17	8.8	3.0780	+0.0188	+20.054	−0.012	29° 3	
	80.12.11	3	0 1 45.470	29 16 38.00			
	83.11. 6	5	45.109	37.63			
	83.11. 9	3	45.243	37.39			
	83.11.12	3	45.254	38.90			
	89.11.12	4	45.303	38.08			
18	8.5	3.0780	+0.0186	+20.054	−0.012	28° 3	
	72.11.21	3	0 1 47.813	29 2 13.37			
	79.11.11	3	47.544	12.51			
	79.11.17	3	47.524	13.73			
	79.11.21	3	47.780	12.07			
19	Fundamental Star					28° 4	
20	8.8	3.0789	+0.0187	+20.053	−0.012	29° 5	
	80.10.29	3	0 2 1.530	29 8 50.53			†
21	9.5	3.0783	+0.0163	+20.053	−0.012	25° 4	
	81.12. 3	2	0 2 12.147	25 23 36.63			†
22	8.2	3.0799	+0.0181	+20.053	−0.013	27° 2	
	73.11. 5	3	0 2 26.229	28 6 15.16			
	77.11. 1	3	26.334	13.70			
	79.12. 1	3	26.271	15.28			
	80.12.11	3	26.311	15.27			haze
	81.11.19	3	26.193	14.08			
23	9.3	3.0790	+0.0162	+20.053	−0.013	25° 6	
	78.10.29	3	0 2 27.503	25 19 12.03			
	96. 9.30	3	27.508	10.70			
	96.10. 9	1	27.557	9.46			
24	7.0	3.0800	+0.0177	+20.053	−0.013	27° 3	
	73.11. 5	3	0 2 33.664	27 33 6.00			
	79.11.11	3	33.720	6.19			+ 5′
	83.11.10	7	33.583	5.24			
	84.11.10	7	33.624	7.18			
	84.11.20	5	33.679	6.38			
25	8.8	3.0798	+0.0163	+20.053	−0.014	25° 7	
	79.11.17	3	0 2 45.040	25 20 29.14			
	79.11.21	2	45.312	28.27			
	80.10.29	1	45.154	30.28			
	83.11. 6	1	45.160	27.28			

26	$8^{m}.5$	$3^{s}.0813$	$+0^{s}.0167$	$+20''.052$	$-0''.014$	25° 9
	73.11. 3	1	$0^{h}\ 3^{m}\ 10^{s}.148$	$25^{\circ}\ 59'\ 11''.12$		
	79.12. 1	3	10.058	10.94		
	83.10.29	3	10.205	11.62		
27	9.2	3.0836	+0.0191	+20.052	−0.015	29° 8
	72.11. 2	2	0 3 26.885	29 31 62.01		
	73.10. 7	3	26.868	60.38		
	73.10.13	3	27.100	59.56		
	73.10.28	3	26.941	62.10		
	75.12.23	3	26.873	61.27		
28	9.0	3.0833	+0.0175	+20.052	−0.015	26° 4
	89.11.25	7	0 3 43.833	27 4 9.45		†
29	·7.9	3.0847	+0.0181	+20.051	−0.016	27° 7
	73.10.20	3	0 3 59.939	27 57 26.01		
	73.11. 5	3	59.859	26.42		
	74.12.10	3	59.964	27.15		
	77.11. 1	3	59.877	25.93		
	77.11.22	3	59.851	26.36		
30	9.3	3.0851	+0.0183	+20.051	−0.016	28° 9
	81.11.15	3	0 4 6.395	28 16 29.71		
	81.11.19	3	6.727	27.72		
31	9.0	3.0864	+0.0197	+20.051	−0.016	30° 10
	73.10.28	1	0 4 8.342	30 17 35.17		
	73.11.12	3	8.431	34.54		
	78.12. 9	3	8.395	33.73		
32	7.9	3.0869	+0.0195	+20.051	−0.017	29° 10
	73.10. 7	1	0 4 21.162	29 59 23.87		
	73.10.13	2	21.353	24.54		
	74.11. 5	3	21.209	25.29		
	84.11.21	7	21.054	25.19		
33	9.0	3.0869	+0.0190	+20.050	−0.017	29° 12
	73.11.12	3	0 4 29.998	29 10 35.19		
	75.12.23	3	29.948	35.29		
	79.11.11	3	30.061	35.04		
	79.11.17	3	30.001	34.69		
	79.11.18	3	30.065	33.89		
	79.11.21	3	30.114	34.33		
34	9.3	3.0865	+0.0184	+20.050	−0.017	28° 10
	81.11.19	3	0 4 30.096	28 26 18.15		
	81.12. 3	3	30.109	18.25		
35	8.6	3.0869	+0.0188	+20.050	−0.017	28° 11
	72.11.21	3	0 4 34.459	28 51 20.02		
	73.10.23	3	34.406	17.11		
	77.11.23	3	34.510	20.32		
	84.11.20	5	34.419	19.93		
36	9.3	3.0854	+0.0166	+20.050	−0.017	25° 11
	73.11. 3	3	0 4 40.006	25 38 31.55		
	73.11.28	2	40.150	33.26		
37	8.5	3.0886	+0.0194	+20.050	−0.018	29° 14
	72.11. 2	3	0 4 52.870	29 45 10.35		w. 5.6. -10^{s} w. 7 $+ 4^{s}$
	73.11.29	2	52.757	9.18		
	75.11.25	3	52.980	9.30		
	78.12. 9	3	52.914	8.81		
38	$9^{m}.1$	$3^{s}.0879$	$+0^{s}.0186$	$+20''.050$	$-0''.018$	28° 12
	81.11.15	2	$0^{h}\ 4^{m}\ 55^{s}.243$	$28^{\circ}\ 37'\ 46''.55$		
	81.12. 8	3	55.100	45.52		
	87.11.15	5	55.192	44.99		
39	9.0	3.0866	+0.0172	+20.050	−0.018	26° 5
	73.10.16	3	0 4 55.232	26 32 40.83		
	73.10.27	3	55.298	40.12		
	73.11.15	3	55.133	40.72		
	74.11.10	3	55.284	41.17		
	78.10.29	3	55.325	42.41		
40	8.9	3.0883	+0.0188	+20.049	−0.018	28° 13
	72.11. 7	3	0 4 59.702	28 54 19.51		
	73.10.23	3	59.686	18.74		D micr. only
	89.11. 5	7	59.542	20.81		
41	9.1	3.0885	+0.0190	+20.049	−0.018	29° 15 A
	86.11.29	7	0 5 0.150	29 7 20.67		† d. n.
42	9.1	3.0885	+0.0190	+20.049	−0.018	29° 15 B
	86.12. 1	4	0 5 0.194	29 7 6.50		† d. s.
43	8.5	3.0880	+0.0179	+20.049	−0.018	27° 11
	85.12.10	5	0 5 12.196	27 31.44.41		
	85.12.11	5	12.275	44.27		
	89.11. 6	7	12.196	45.16		
44	8.0	3.0879	+0.0174	+20.049	−0.019	26° 6
	73.10.16	3	0 5 18.452	26 48 54.91		
	73.10.27	3	18.418	55.39		
	74.10. 5	3	18.471	55.85		
45	8.0	3.0878	+0.0172	+20.049	−0.019	26° 7
	73.11.15	3	0 5 21.482	26 29 23.14		
	73.12.12	1	21.540	24.02		−5′
	74.10. 5	2	21.581	22.48		
	78.10.29	2	21.524	23.61		
46	7.6	3.0887	+0.0180	+20.049	−0.019	27° 12
	73.10.20	2	0 5 23.570	27 43 34.20		
	89.11.27	7	23.440	35.27		
47	8.5	3.0883	+0.0172	+20.048	−0.019	26° 8
	74.11.19	3	0 5 34.003	26 24 21.59		
	78.11.29	3	34.060	20.78		
48	7.3	3.0884	+0.0182	+20.048	−0.019	27° 13
	73.11. 5	3	0 5 33.929	27 54 50.40		
	74.12.10	2	34.164	51.01		
	77.11.22	3	33.982	50.19		
	82.12.11	3	34.065	49.93		
49	9.0	3.0905	+0.0190	+20.048	−0.019	28° 16
	73.11.11	1	0 5 38.737	28 57 25.81		Z.C. α $38^{s}.73$
	79.11.18	3	38.795	27.83		
	79.12. 4	3	38.789	26.51		−5′
	83.10.29	5	38.609	27.63		
50	9.0	3.0900	+0.0185	+20.048	−0.019	28° 15
	72.11. 7	3	0 5 39.176	28 20 16.48		
	73.11.11	3	39.067	16.18		
	77.11.23	3	38.884	17.11		
	79.11.17	2	39.071	18.59		
	79.11.21	3	39.073	15.54		
	79.12. 1	3	39.200	17.08		

51	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.0914$	$+0^{\mathrm{s}}.0192$	$+20''.048$	$-0''.020$	29°	16
	73.10. 7	2	$0^{\mathrm{h}}\ 5^{\mathrm{m}}\ 51^{\mathrm{s}}.339$	$29^\circ\ 17'\ 25''.69$			
	73.10.13	3	51.389	26.18			
	73.10.28	3	51.434	26.25			
	73.11.12	3	51.360	26.74			
52	8.8	3.0914	+0.0189	+20.047	−0.020	28°	17
	72.11.21	3	0 5 57.621	28 53 2.77			
	73.10.23	3	57.588	0.92			
	77.11.23	3	57.592	2.66			
	87.11.16	5	57.657	2.84			
53	9.0	3.0915	+0.0186	+20.047	−0.020	28°	18
	78.11.18	3	0 6 4.807	28 29 22.41			
	78.12. 9	3	4.792	20.90			
	87.11.30	7	4.806	21.23			
54	8.8	3.0912	+0.0181	+20.047	−0.020	27°	15
	73.10.20	1	0 6 12.561	27 42.36.39			
	73.11. 5	3	12.498	35.22			
	77.11. 1	3	12.589	32.99			
55	8.6	3.0905	+0.0172	+20.047	−0.021	26°	10
	73.10.14	2	0 6 18.912	26 24 52.45			
	73.10.27	2	18.949	50.88			
	73.11.15	3	18.841	52.37			
	73.12.12	3	19.114	52.51			
	74.11.10	3	18.847	51.83			
	74.11.19	3	18.728	49.84			
56	8.8	3.0931	+0.0188	+20.046	−0.021	28°	19
	72.11. 7	2	0 6 31.577	28 41 49.81			
	77.11.23	2	31.609	50.25			
	78.11.18	3	31.773	51.60			
	78.12. 9	1	31.647	49.66			
	82.12.11	3	31.600	49.46			
57	9.5	3.0907	+0.0168	+20.046	−0.021	—	—
	73.11.25	3	0 6 34.358	25 38 33.95			†
58	9.5	3.0917	+0.0174	+20.046	−0.021	26°	12
	84.11.10	5	0 6 37.689	26 40 51.29			†
59	9.3	3.0948	+0.0196	+20.046	−0.021	29°	21
	72.11. 2	3	0 6 44.358	29 48 35.49			
	73.10.13	3	44.540	33.53			
	73.11.29	3	44.443	34.21			
	74.11. 5	3	44.441	34.66			
	75.11.25	1	44.233	34.92			
	75.12.23	3	44.326	34.85			
60	9.0	3.0912	+0.0168	+20.046	−0.022	25°	15
	73.11. 3	3	0 6 45.254	25 38 49.15			
	73.11.28	2	45.344	48.94			
	75.12. 9	3	45.431	49.75			
61	8.6	3.0911	+0.0165	+20.045	−0.022	25°	16
	73.11. 3	3	0 6 52.215	25 7 13.94			
	79.11.17	3	52.262	15.17			
	79.11.21	3	52.438	15.30			
	79.12. 4	3	52.363	16.55			−5′
62	$6^{\mathrm{m}}.6$	$3^{\mathrm{s}}.0923$	$+0^{\mathrm{s}}.0172$	$+20''.045$	$-0''.022$	26°	13
	73.10.16	3	$0^{\mathrm{h}}\ 6^{\mathrm{m}}\ 56^{\mathrm{s}}.186$	$26^\circ\ 17'\ 35''.50$			
	78.11.29	3	56.259	35.61			
	85.12. 4	5	56.174	36.41			
	85.12. 7	5	56.077	35.85			
63	9.0	3.0924	+0.0172	+20.045	−0.022	26°	14
	74.10. 5	2	0 6 58.531	26 20 56.82			−15′
	74.11.10	3	58.535	58.09			
	74.11.19	3	58.436	55.23			
	78.10.29	3	58.523	57.56			
64	9.5	3.0944	+0·0187	+20.045	−0.022	28°	20
	81.11.15	3	0 6 59.853	28 26 37.58			
	81.11.19	3	60.072	36.34			
65	9.4	3.0952	+0.0188	+20.044	−0.022	28°	21
	81.12. 3	3	0 7 13.326	28 35 55.97			
	81.12. 8	3	13.683	55.52			
	91.12.11	6	13.583	56.60			
66	9.5	3.0967	+0.0198	+20.044	−0.022	—	—
	73.11.12	3	0 7 15.120	29 56 16.03			†
67	9.0	3.0921	+0.0163	+20.044	−0.023	24°	16
	85.11.16	5	0 7 21.898	24 51 22.10			
	85.11.17	5	21.973	24.82			
	85.11.19	5	21.938	24.75			
68	9.5	3.0954	+0.0184	+20.044	−0.023	27°	20
	73.11. 5	3	0 7 29.559	27 55 24.41			†
69	9.0	3.0973	+0.0196	+20.044	−0.023	29°	25
	72.11. 2	3	0 7 30.262	29 43 18.33			
	73.10. 7	3	30.173	17.76			
	73.10.13	2	30.052	18.00			
	73.11.29	2	30.112	17.27			
	75.11.25	3	30.133	17.43			
	75.12.23	3	30.185	17.84			
	75.12.23	1	30.165	17.56			
	77.10.27	3	30.204	18.86			
70	8.4	3.0929	+0.0165	+20.043	−0.023	24°	17
	73.11. 3	2	0 7 34.534	24 59 10.88			
	73.11.28	3	34.729	12.41			
	75.12. 9	3	34.577	11.26			
	85.12.10	5	34.637	12.03			
	85.12.11	5	34.775	10.89			
	89.11. 5	7	34.457	12.13			
71	9.5	3.0961	+0.0187	+20.043	−0.023	28°	22
	81.11.19	3	0 7 34.814	28 22 10.65			
	81.12. 3	2	34.681	10.08			
72	9.2	3.0946	+0.0175	+20.043	−0.023	26°	16
	86.11.16	5	0 7 36.822	26 39 24.27			
	86.11.23	5	36.802	25.36			
73	7.4	3.0936	+0.0168	+20.043	−0.023	25°	18
	73.11.25	2	0 7 40.454	25 33 53.05			
	78.11.29	2	40.454	51.82			
	89.11. 6	7	40.558	51.55			

74	$9^m.3$	$3^s.0959$	$+0^s.0181$	$+20''.043$	$-0''.024$	27° 21	
	86.11.29	5	$0^h\ 7^m 46^s.841$	27° 32′ 40″.83			
	87.11.16	5	47.271	41.07			
75	8.9	3.0942	+0.0168	+20.042	−0.024	25° 19	
	73.11.28	2	0 7 51.410	25 34 41.14			
	78.10.29	2	51.913	41.73			
76	9.0	3.0996	+0.0196	+20.041	−0.025	29° 27	
	73.10. 7	1	0 8 16.346	29 34 60.27			
	73.10.13	1	16.704	59.94			
	73.11.29	1	16.260	58.19			
	74.11. 5	3	16.434	60.71			
	75.11.25	3	16.263	60.59			
77	9.1	3.0967	+0.0177	+20.041	−0.025	26° 19	
	89.11.27	7	0 8 17.414	26 51 25.08			†
78	9.0	3.0977	+0.0178	+20.040	−0.025	26° 21	
	73.10.14	3	0 8 36.356	26 54 13.68			
	73.10.16	1	36.318	12.69			
	73.10.27	2	36.260	12.23			
	73.11.15	2	36.370	12.19			
	87.11.30	5	36.439	12.32			
79	6.6	3.0976	+0.0176	+20.040	−0.025	26° 23	
	73.12.12	3	0 8 41.902	26 35 20.03			
	73.12.12	1	42.152	19.30			*
	74.10. 5	3	41.811	19.31			
	74.11.19	3	41.759	18.18			
80	8.5	3.0981	+0.0178	+20.040	−0.025	26° 22	
	73.10.14	2	0 8 43.186	26 54 54.00			
	73.10.16	3	43.089	51.64			
	73.10.27	3	43.200	51.29			
	73.11.15	2	43.170	52.55			
	77.12.14	3	43.161	53.15			
81	9.0	3.1006	+0.0193	+20.040	−0.026	28° 23	
	72.11. 6	3	0 8 44.756	29 4 41.64			
	72.11.21	3	44.807	41.54			
	73.11.11	3	44.635	40.35			
	77.11.23	3	44.716	43.13			
	81.11.15	3	44.643	42.20			
	81.12. 5	2	44.577	42.88			
82	9.5	3.1001	+0.0187	+20.039	−0.026	28° 24	
	81.12. 8	2	0 8 50.797	28 17 38.46			†
83	8.7	3.1018	+0.0199	+20.039	−0.026	29° 28	
	85.12. 4	5	0 8 51.068	29 50 11.48			
	85.12. 7	5	51.089	9.87			
	89.11.25	6	51.056	10.75			
84	8.0	3.0997	+0.0184	+20.039	−0.026	27° 25	
	73.10. 8	3	0 8 52.298	27 53 41.04			
	73.10.20	3	52.276	41.50			
	73.11. 5	3	52.009	41.07			− 1 int.
	77.11.22	3	52.235	42.14			
85	9.4	3.1000	+0.0185	+20.039	−0.026	27° 26	
	84.11.20	6	0 8 55.933	28 2 46.63			†
86	$9^m.3$	$3^s.1002$	$+0^s.0185$	$+20''.039$	$-0''.026$	— —	
	82.12.11	3	$0^h\ 8^m 58^s.784$	28° 3′ 31″.06			†
87	9.5	3.1013	+0.0191	+20.039	−0.026	— —	
	81.12. 7	2	0 9 1.190	28 53 15.18			† d. f.
	Z.C. identification wrong: see appendix 86^a.						
88	9.2	3.0983	+0.0170	+20.038	−0.026	25° 22	
	84.12.18	7	0 9 16.203	25 41 45.79			
	84.12.19	6	16.246	45.03			
89	9.5	3.1020	+0.0191	+20.038	−0.027	28° 26	
	81.11.19	2	0 9 18.460	28 46 19.64			
	81.11.23	2	18.257	18.24			
90	9.3	3.1024	+0.0193	+20.038	−0.027	28° 27	
	85.11.16	5	0 9 19.296	29 6 4.36			
	85.11.17	7	19.277	6.11			
	85.11.19	5	19.315	6.12			
91	9.0	3.1039	+0.0200	+20.037	−0.027	29° 29	
	72.11. 2	3	0 9 25.580	29 53 25.08			
	73.10.28	3	25.667	23.99			
	73.11.12	3	25.489	23.97			
	75.12.23	3	25.587	24.41			
	77.10.27	3	25.507	24.52			
92	9.3	3.1018	+0.0186	+20.037	−0.027	27° 28	
	73.11. 5	3	0 9 28.158	28 3 10.66			
	74.12.10	3	28.401	11.20			
	77.11. 1	3	28.399	9.83			
	77.11.20	3	28.439	12.18			
	77.11.22	3	28.342	11.79			
	78.11.18	3	28.178	13.25			
93	9.2	3.0984	+0.0166	+20.037	−0.027	25° 23	
	86.11.29	5	0 9 32.852	25 8 56.38			
	86.12. 1	5	32.753	57.10			
	87.12. 9	4	33.023	56.62			
94	9.0	3.1020	+0.0185	+20.037	−0.027	27° 29	
	73.10.20	3	0 9 38.177	.27 55 28.04			†
95	8.7	3.1046	+0.0200	+20.036	−0.027	29° 31	
	73.10.13	3	0 9 40.208	29 50 9.57			
	73.10.28	3	40.208	10.02			
	73.11.29	2	40.218	8.65			
96	9.0	3.0995	+0.0171	+20.036	−0.027	25° 24	
	73.11. 3	3	0 9 41.544	25 43 31.99			
	73.11.25	3	41.562	33.68			
	73.11.28	3	41.528	32.67			
	77.11.13	3	41.508	31.69			
	78.12.18	3	41.436	32.60			
97	9.1	3.1017	+0.0180	+20.036	−0.028	27° 30	
	85.12.10	7	0 9 47.707	27 13 12.43			
	85.12.11	7	47.757	9.99			
	86.12.18	7	47.677	12.78			
	87.12.17	7	47.708	12.61			

98	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.1051$	$+0^{\mathrm{s}}.0199$	$+20''.036$	$-0''.028$	29°	32
	72.11. 2	3	$0^{\mathrm{h}}\ 9^{\mathrm{m}}\ 51^{\mathrm{s}}.292$	$29^{\circ}\ 46'\ 14^{\mathrm{s}}.37$			
	73.10. 7	2	51.431	11.64			
	75.11.25	3	51.466	12.27			
99	9.2	3.1026	+0.0185	+20.036	−0.028	27°	31
	86.11.16	7	0 9 52.008	27 50 14.92			
	86.11.23	7	52.063	15.33			
	87.12.16	7	51.822	14.31			
100	9.0	3.1044	+0.0194	+20.036	−0.028	29°	33
	73.11.12	3	0 9 52.629	29 9 15.10			
	74.11. 5	3	52.446	15.73			
	77.10.27	3	52.507	15.32			
	84.11.28	7	52.634	15.77			
	84.12.17	7	52.559	15.58			
101	8.9	3.0997	+0.0169	+20.036	−0.028	25°	25
	73.11. 3	3	0 9 53.024	25 24 50.50			
	73.11.25	2	52.839	50.92			
	77.11.13	3	53.047	50.40			
	78.11.29	3	52.957	51.29			
102	8.5	3.1041	+0.0190	+20.035	−0.028	28°	29
	72.11. 6	3	0 10 2.701	28 35 54.78			
	72.11.21	3	2.667	54.20			
	73.11.11	3	2.464	52.57			
	77.11.23	3	2.669	55.17			
	89.11. 6	7	2.582	54.68			
	91.12.11	7	2.655	56.14			
103	9.4	3.1042	+0.0190	+20.035	−0.028	28°	30
	81.12. 5	1	0 10 3.632	28 36 19.68			
	81.12. 8	2	3.676	17.66			
104	9.5	3.1044	+0.0190	+20.035	−0.028	28°	31
	81.12. 7	1	0 10 4.854	28 38 42.07			*
	87.12.14	5	5.169	42.43			
105	9.4	3.1045	+0.0190	+20.035	−0.028	28°	32
	81.11.15	3	0 10 9.386	28 33 8.65			
	81.12. 3	3	9.481	7.70			
	82.12.11	1	9.599	8.99			*
106	9.5	3.1026	+0.0178	+20.034	−0.028	26°	26
	73.10.14	3	0 10 16.968	26 51 23.25			
	73.10.16	3	17.011	22.72			
	73.10.27	3	16.941	22.80			
	73.11.15	3	16.988	23.42			
	77.12.14	3	17.010	23.33			
107	9.2	3.1054	+0.0191	+20.034	−0.029	28°	35
	72.11. 6	3	0 10 25.482	28 40 48.46			
	73.10.23	3	25.363	45.11			
	73.11.11	2	25.434	45.98			
	77.11.23	3	25.481	48.08			D − 10″
	77.12. 8	3	25.545	48.19			
	81.11.22	3	25.277	46.40			
108	9.0	3.1064	+0.0196	+20.034	−0.029	29°	35
	73.10.28	1	0 10 25.648	29 19 48.73			
	73.11.12	2	25.848	47.97			
	74.10.31	3	25.533	49.76			
	78.12. 9	3	25.640	46.72			
109	$8^{\mathrm{m}}.9$	$3^{\mathrm{s}}.1044$	$+0^{\mathrm{s}}.0184$	$+20''.033$	$-0''.029$	27°	33
	79.12. 1	3	$0^{\mathrm{h}}\ 10^{\mathrm{m}}\ 33^{\mathrm{s}}.487$	$27^{\circ}\ 37'\ 9'.41$			
	87.11.16	7	33.520	8.97			
	87.11.30	5	33.547	9.27			
110	9.3	3.1052	+0.0184	+20.032	−0.030	—	—
	79.12. 1	3	0 10 45.643	27 37 54.31			
	89.11. 5	7	45.566	53.92			
111	9.1	3.1039	+0.0179	+20.032	−0.030	26°	27
	74.11.10	2	0 10 46.601	26 46 7.32			
	85.12. 4	5	46.784	7.67			
	85.12. 7	5	46.725	6.63			
	87.12. 7	5	46.803	6.32			
112	9.3	3.1020	+0.0166	+20.031	−0.030	24°	25
	84.11.10	7	0 11 1.923	24 49 59.70			
	84.11.20	6	1.889	58.37			
	87.11.15	5	2.101	57.70			
113	8.5	3.1091	+0.0197	+20.030	−0.030	29°	37
	72.11. 2	3	0 11 13.356	29 26 59.18			
	73.10.13	3	13.382	57.72			
	74.11. 5	3	13.383	58.27			
	75.11.25	3	13.445	58.74			
	87.12. 9	4	13.448	59.23			
114	9.2	3.1039	+0.0173	+20.030	−0.030	—	—
	78.12.18	2	0 11 14.988	25 51 12.88			†
115	9.0	3.1040	+0.0173	+20.030	−0.030	25°	27
	73.11. 3	3	0 11 15.514	25 52 28.57			
	73.11.25	2	15.508	29.37			
	73.11.28	3	15.476	28.63			
	78.12.18	3	15.368	27.97			
116	9.2	3.1061	+0.0179	+20.029	−0.031	26°	31
	74.11.10	3	0 11 31.808	26 43 32.99			†
117	9.4	3.1075	+0.0184	+20.028	−0.031	—	—
	73.10. 8	3	0 11 36.607	27 28 42.88			
	73.10.20	2	36.920	40.99			-59^{s}
	73.11. 5	3	36.563	42.31			
	90.12. 6	7	36.742	41.62			
118	9.0	3.1117	+0.0201	+20.028	−0.032	29°	38
	73.10. 7	2	0 11 45.086	29 55 4.83			
	73.11.29	2	45.216	5.60			
	74.10.31	3	45.279	4.63			
	75.12.23	3	45.257	6.35			
119	9.1	3.1082	+0.0185	+20.028	−0.032	27°	35
	79.12. 1	2	0 11 48.291	27 36 38.15			†
120	8.6	3.1125	+0.0204	+20.028	−0.032	30°	34
	73.11.29	1	0 11 48.668	30 16 3.04			
	77.10.27	3	48.976	2.67			
121	8.0	3.1115	+0.0200	+20.028	−0.032	29°	39
	73.10.13	2	0 11 50.022	29 42 10.31			
	73.10.28	2	49.859	11.39			
	78.12. 9	3	49.911	9.72			

122 $7^{\mathrm{m}}.0$ $3^{\mathrm{s}}.1056$ $+0^{\mathrm{s}}.0171$ $+20''.027$ $-0''.032$ 25° 29

73.11.25	1	$0^{\mathrm{h}}\,12^{\mathrm{m}}\,1^{\mathrm{s}}.295$	$25^\circ\,26'\,48''.08$	c. d. f.
73.11.28	3	1.421	48.07	c. d. f.
77.11.13	3	1.310	47.98	c. d. n. f.
86.11.29	5	1.239	47.96	c. d. n. f.
86.12. 1	5	1.239	47.82	c. d. n. f.

123 8.5 3.1135 +0.0203 +20.026 −0.032 30° 36

73.11.12	3	0 12 12.097	30 7 32 66	
74.10.23	1	12.288	33.27	
75.11.25	3	11.920	32.64	
77.10.27	2	12.124	33.61	

124 9.1 3.1056 +0.0168 +20.026 −0.032 24° 29

73.11. 3	1	0 12 13.163	25 3 20.03	d. s.
75.12. 9	3	13.012	19.24	d. s. f.
78.10.29	3	13.084	19.72	d. s. f.
78.12.11	3	13.113	20.47	d. s. f.
84.11.28	7	13.231	20.44	d. s.
84,12.15	7	13.081	20.30	
84.12.17	6	12.871	21.50	
89.11.27	7	13.205	19.36	

125 9.5 3.1057 +0.0169 +20.026 −0.032 25° 30

87.12.17	3	0 12 14.319	25 7 58.64	†

126 9.5 3.1069 +0.0172 +20.025 −0.033 25° 31

84.12.18	5	0 12.22.291	25 38 55.35	
87.12.14	6	22.473	55.53	

127 9.5 3.1133 +0.0197 +20.024 −0.033 29° 40

73.10. 7	2	0 12 33.821	29 15 33.72	
73.10.13	1	33.945	33.61	
75.12.23	3	33.938	35.08	

128 9.5 3.1131 +0.0196 +20.024 −0.033 28° 37

73.10.23	3	0 12 38.697	28 59 46.01	
73.11.11	3	38.614	47.10	
81.11.15	3	38.894	47.92	
81.11.19	3	38.850	47.08	
81.11.22	3	38.935	47.10	
81.11.23	2	38.876	46.96	
81.12. 8	3	38.854	47.94	

129 9.5 3.1128 +0.0193 +20.023 −0.033 28° 38

81.12. 3	3	0 12 42.932	28 39 37.15	
89.11.25	7	43.029	36.89	

130 9.2 3.1076 +0.0171 +20.023 −0.034 25° 33

85.11.17	7	0 12 48.966	25 19 48.60	
85.11.19	5	48.891	48.26	
85.12. 4	5	48.990	50.30	
85.12. 7	7	48.821	48.84	

131 7.4 3.1084 +0.0173 +20.023 −0.034 25° 34

73.11.25	1	0 12 52.185	25 45 37.00	
73.11.28	3	52.321	36.29	
78.12.18	3	52.228	35.95	

132 9.5 3.1136 +0.0194 +20.022 −0.034 — --

81.11.22	2	0 12 58.688	28 41 17.62	†

133 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.1111$ $+0^{\mathrm{s}}.0181$ $+20''.021$ $-0''.034$ 26° 32

73.10.27	3	$0^{\mathrm{h}}\,13^{\mathrm{m}}\,11^{\mathrm{s}}.033$	$26^\circ\,48'\,12''.37$	
73.10.27	2	11.243	13.42	
74.11.10	2	11.042	15.08	
84.11.10	7	11.252	14.53	
84.11.20	6	11.299	14.37	
87.12. 7	1	11.248	13.95	

134 9.2 3.1161 +0.0201 +20.021 −0.034 29° 42

73.10.28	3	0 13 11.852	29 41 16.12	
73.11.12	3	11.959	15.07	
78.12. 9	3	11.877	13.91	

135 9.3 3.1127 +0.0186 +20.021 −0.034 27° 37

79.11.29	3	0 13 16.194	27 35 4.75	
79.12. 1	3	15.922	6.16	
85.12.10	7	16.005	4.93	
87.11.15	7	16.122	4.44	
87.12. 9	5	16.033	5.64	

136 9.3 3.1174 +0.0204 +20.020 −0.035 30° 39

86.11.16	5	0 13 18.657	30 9 48.92	s. p.
86.11.23	4	18.715	48.79	
87.11.30	4	18.575	47.11	s. p.

137 9.5 3.1140 +0.0191 +20.020 −0.035 28° 39

81.11.19	3	0 13 21.650	28 14 50.39	
81.11.23	3	21.665	51.55	
81.12. 5	3	21.544	50.22	
81.12. 7	1	21.697	48.07	

138 9.5 3.1148 +0.0192 +20.019 −0.035 28° 40

81.11.15	3	0 13.29.427	28 24 23.03	
81.12. 8	3	29·482	23.13	

139 9.2 3.1129 +0.0185 +20.019 −0.035 — —

79.11.17	3	0 13 30.507	27 18.13.44	
79.11.18	3	30.616	14.36	

140 9.0 3.1175 +0.0201 +20.019 −0.035 29° 43

74.10.23	3	0 13 39.892	29 35 13.54	
74.10.31	3	40.045	12.33	
74.11. 5	3	40.005	12.47	
75.11.25	3	39.959	12.44	
75.12.23	3	40.002	13.02	

141 9.0 3.1172 +0.0199 +20.018 −0.035 — —

87.12.14	1	0 13 43.220	29 19 10.13	†

142 6.5 3.1194 +0.0206 +20.017 −0.036 30° 42

72.11. 2	3	0 13 52.998	30 14 28.71	
73.10.28	2	52.715	30.16	
73.11.12	2	52.921	28.27	
73.11.29	3	52.775	27.65	
78.12. 9	3	52.687	26.99	

143 9.1 3.1143 +0.0186 +20.017 −0.036 27° 38

72.11.12	3	0 13 53.348	27 27 35.06	
73.10. 8	3	53.413	35.64	
73.10.20	3	53.143	34.53	
73.11. 5	3	53.195	34.32	
77.11. 1	3	53.396	32.95	
77.11.20	3	53.176	36.02	
87.12.17	5	53.378	34.05	
89.11. 2	5	53.360	35.21	
90.12. 6	7	53.449	34.30	

144	$9^{m}.5$	$3^{s}.1171$	$+0^{s}.0196$	$+20''.017$	$-0''.036$	—	—
72.11. 6	3	$0^{h}\,13^{m}56^{s}.413$	$28^{\circ}\,54'\,55''.31$				†
145	7.9	3.1199	+0.0206	+20.017	−0.036	30°	43
73.10.13	2	0 13 59.319	30 16 42.08				
95. 9.19	7	59.420	44.77				
95. 9.20	7	59.393	44.89				
95.11.14	7	59.356	44.40				
146	8.0	3.1125	+0.0175	+20.015	−0.036	25°	37
73.11. 3	3	0 14 14.663	25 49 6.22				
73.11.25	3	14.871	7.55				
73.11.28	3	14.688	6.49				
75.12. 9	2	14.660	6.74				
77.11.13	3	14.801	7.25				
77.11.16	3	14.916	7.70				
78.12.18	3	14.866	7.37				
147	9.3	3.1157	+0.0187	+20.015	−0.037	27°	41
73.10. 8	3	0 14 20.435	27 29 51.12				
82.12.11	3	20.449	50.01				
87.11.16	7	20.244	50.28				
148	8.9	3.1195	+0.0199	+20.015	−0.037	29°	46
73.10. 7	3	0 14 24.987	29 21 17.99				
74.10.23	3	24.859	18.57				
74.11. 5	3	24.811	17.92				
75.11.25	3	24.867	16.92				
77.10.27	3	24.902	18.59				
91.12.19	4	25.098	18.67				
149	9.0	3.1188	+0.0197	+20.015	−0.037	28°	41
73.10.23	3	0 14 25.100	28 59 26.84				
73.11.11	3	25.213	26.15				
73.11.24	3	25.161	28.40				
77.11.23	3	24.994	28.77				
78.12.19	3	25.142	29.53				
150	9.2	3.1191	+0.0197	+20.014	−0.037	28°	42
73.10.23	3	0 14 29.650	29 0 44.92				
73.11.11	3	29.534	45.08				
73.11.24	2	29.551	46.47				
81.11.19	3	29.623	46.48				
81.11.22	2	29.419	46.77				
89.11.12	7	29.459	46.50				
151	8.9	3.1143	+0.0179	+20.014	−0.037	26°	37
73.10.16	3	0 14 37.590	26 17 27.96				
73.11.15	3	37.841	29.13				
73.12.12	3	37.913	29.82				
77.12.14	3	37.743	29.68				
84.12.18	4	37.837	28.91				
84.12.19	7	37.763	28.26				
86.11.29	5	37.634	29.73				
86.12. 1	5	37.658	27.41				
86.12.18	5	37.856	29.13				
152	9.3	3.1216	+0.0205	+20.013	−0.037	29°	47
81.12. 8	2	0 14 40.392	30 1 59.85				
82.12.11	2	40.547	60.30				
153	8.8	3.1182	+0.0192	+20.013	−0.037	28°	43
78.12.19	3	0 14 40.505	28 12 37.56				
95.12.16	7	40.289	36.86				

154	$9^{m}.3$	$3^{s}.1156$	$+0^{s}.0182$	$+20''.013$	$-0''.037$	26°	38
73.10.27	3	$0^{h}\,14^{m}43^{s}.364$	$26^{\circ}\,48'\,13''.80$				
74.10. 5	3	43.459	14.53				
74.11.10	3	43.346	16.25				
87.12. 7	1	43.425	15.74				
155	9.0	3.1120	+0.0169	+20.013	−0.038	24°	32
84.11.28	7	0 14 45.459	24 49 49.41				−1′
84.12.15	7	45.468	48.55				
84.12.17	7	45.438	47.78				
156	8.8	3.1124	+0.0170	+20.012	−0.038	24°	33
73.11. 3	2	0 14 47.301	24 59 23.71				
73.11.28	2	47.403	22.44				
75.12. 9	3	47.234	23.11				
77.11.13	3	47.260	23.21				
157	8.4	3.1164	+0.0184	+20.012	−0.038	26°	39
73.10.16	2	0 14 50.460	27 2 23.12				
78.10.29	3	50.124	23.91				
78.11.29	3	50.321	24.39				
158	8.1	3.1177	+0.0188	+20.012	−0.038	27°	43
72.11.12	3	0 14 54.681	27 37.52.15				
73.10.20	2	54.965	51.45				
77.11.20	3	54.732	53.56				
79.11.29	3	54.717	53.77				
87.12. 9	5	54.788	54.08				
159	9.4	3.1175	+0.0187	+20.012	−0.038	27°	42
73.11. 5	3	0 14 55.376	27 28 50.98				
74.12.10	3	55.414	49.77				
77.11. 1	1	55.233	50.45				*
160	8.1	3.1154	+0.0179	+20.011	−0.038	26°	40
73.11.15	3	0 15 1.180	26 16 6.24				
73.12.12	3	1.311	6.28				*
77.12.14	2	1.113	6.05				
87.12.17	1	1.359	6.16				*
89.11. 5	7	0.954	6.39				
161	9.0	3.1179	+0.0187	+20.011	−0.038	27°	44
73.11. 5	3	0 15 7.685	27 23 24.25				
74.12.10	3	7.792	23.60				
77.11.22	3	7.694	24.24				
78.11. 1	3	7.716	24.18				
162	9.5	3.1197	+0.0192	+20.010	−0.038	28°	45
72.11. 6	3	0 15 10.119	28 12 34.61				†
163	9.5	3.1235	+0.0206	+20.010	−0.038	29°	49
81.11.23	3	0 15 10.802	30 5 55.85				
84.11.20	6	10.709	57.62				
164	8.2	3.1181	+0.0186	+20.010	−0.038	27°	45
78.11.18	3	0 15 15.508	27 17 26.03				
79.11.11	3	15.519	23.90				
79.11.17	3	15.551	24.49				
79.11.18	3	15.504	24.64				
79.12. 3	3	15.520	24.77				
79.12.10	3	15.591	23.85				
80.12. 6	3	15.571	24.21				
80.12.11	3	15.517	24.19				
80.12.16	3	15.509	24.70				

165	8^{m}6	3^{s}1189	+0^{s}0188	+20″009	−0″039	27° 46
73.10. 8	2	0^{h}15^{m}21^{s}038	27° 34′ 6″54	−1′		
79.11.17	2	20.933	6.32			
79.11.21	3	21.110	5.28			
79.12. 1	3	20.931	6.55			
79.12.10	2	21.055	6.09			

166	9.5	3.1237	+0.0204	+20.009	−0.039	29° 51
73.10.13	2	0 15 21.274	29 52 45.86			
73.11.12	1	21.380	45.13			
74.11. 5	3	21.331	45.85			
75.12.23	3	21.286	46.40			

167	9.5	3.1180	+0.0184	+20.009	−0.039	26° 41
73.10.16	1	0 15 22.382	27 1 48.69	*		
74.10. 5	3	22.650	48.29			
78.12.11	3	22.659	48.78			

168	8.3	3.1172	+0.0181	+20.008	−0.039	26° 42
73.10.27	1	0 15 28.535	26 29 27.78	−5′		
74.11.10	2	28.642	30.42			
79.11.11	3	28.622	29.21			
79.11.18	3	28.647	29.51			
79.11.29	3	28.670	29.71			
79.12. 1	3	28.639	29.19			
79.12. 3	2	28.692	29.57			
80.12.16	2	28.613	29.35			
85.11.17	7	28.674	30.53			
85.11.19	5	28.670	31.17			

169	(8.7)	3.1179	+0.0180	+20.006	−0.040	26° 43
78.11.29	2	0 15 51.928	26 18 7.03	†		
78.12.11	3	52.139	7.87			

Variable: T Andromedae.

170	9.1	3.1235	+0.0200	+20.006	−0.040	29° 53
73.10.28	3	0 15 53.714	29 7 11.87			
74.10.23	3	53.696	12.92			
74.10.31	3	53.627	10.77			
75.11.25	3	53.750	11.53			
75.12.23	3	53.808	11.31			

171	9.3	3.1159	+0.0170	+20.005	−0.040	24° 39
78.10.29	3	0 16 5.905	24 55 25.58			
85.12. 4	6	5.953	25.48			
85.12.10	7	6.019	24.39			
87.11.15	7	6.042	24.21			

172	8.6	3.1209	+0.0185	+20.004	−0.040	27° 47
72.11.12	3	0 16 15.394	27 10 16.97	Z.C. α 15^{s}40		
73.10.20	2	15.467	15.99	+ 5′		
73.11. 5	3	15.247	17.55	− 30′		
74.12.10	2	15.614	16.35			
77.11. 1	3	15.309	16.88			
77.11.20	3	15.376	17.95			
77.11.22	3	15.288	16.72			
82.12.11	3	15.518	16.65			

173	7.3	3.1243	+0.0197	+20.004	−0.041	28° 49
72.11. 6	3	0 16 17.082	28 45 39.65			
73.10.23	3	17.193	37.93			
73.11.24	3	17.006	39.80			
77.11.23	3	17.184	38.89			
78.12.19	3	17.051	39.89			
80.12. 6	2	17.237	38.84			

174	9^{m}5	3^{s}1274	+0^{s}0207	+20″004	−0″041	30° 47
81.11.19	2	0^{h}16^{m}18^{s}378	30° 7′ 50″29			
81.11.23	1	18.038	52.17			
81.12. 7	3	18.123	50.96			

175	9.1	3.1170	+0.0171	+20.003	−0.041	24° 41
86.11.29	5	0 16 25.949	25 1.59.63			
86.12. 1	1	26.008	59.81			
86.12.18	5	26.256	59.15			

176	9.0	3.1170	+0.0171	+20.002	−0.041	24° 42
73.11. 3	3	0 16 31.780	24 57 51.58			
73.11.28	3	31.768	51.30			
73.12.20	2	31.776	52.92	W. 5 + 1^s		
75.12. 9	3	31.618	52.79			
77.11.13	3	31.878	52.85			
77.11.16	3	31.852	51.39			
78.10.29	1	31.539	52.86			
78.12.18	3	31.772	52.11			

177	9.0	3.1246	+0.0196	+20.002	−0.041	28° 51
73.11.11	3	0 16 34.180	28 30 29.41			
73.11.24	1	34.584	30.33	*		
77.11.23	3	34.294	29.72			
78.12. 9	3	34.258	29.96			

178	9.5	3.1220	+0.0184	+20.000	−0.042	26° 45
73.10.27	1	0 16 47.484	26 54 44.65	†		

179	9.1	3.1211	+0.0181	+20.000	−0.042	26° 47
73.10.16	2	0 16 53.254	26 24 58.36			
73.12.12	3	53.408	58.47	+ 1′		
77.12.14	3	53.181	59.18			
78.11.29	2	53.299	60.56			
90.12. 6	7	53.329	59.25			

180	9.0	3.1244	+0.0189	+19.999	−0.042	27° 48
72.11.12	2	0 17 4.331	27 39 31.31			
73.10. 8	3	4.233	31.31			
78.11. 1	3	4.019	31.10			

181	9.0	3.1275	+0.0199	+19.998	−0.042	28° 53
72.11. 6	3	0 17 8.335	28 57 28.92			
73.10.23	3	8.464	26.32			
78.12. 9	3	8.380	26.42			
87.12. 7	5	8.472	29.11			

182	9.0	3.1271	+0.0197	+19.998	−0.042	28° 54
73.11.11	3	0 17 10.911	28 42 28.47			
77.11.23	2	10.799	29.50			
78.11. 1	2	10.745	29.76			
78.12.19	1	10.927	30.14			
87.12. 9	7	11.022	31.35			

183	9.5	3.1292	+0.0203	+19.997	−0.042	29° 57
84.11. 7	5	0 17 15.772	29 29 28.88			
84.11.10	7	15.430	29.83	+ 1^m		
84.11.20	6	15.649	29.33			
84.12.15	7	15.685	28.09			

184	9.3	3.1221	+0.0180	+19.997	−0.043	26° 48
73.11.15	3	0 17 16.178	26 19 26.56			
73.12.12	1	16.136	25.65			
91.12.11	7	16.481	25.72			

185	$8^{\mathrm{m}}.8$	$3^{\mathrm{s}}.1277$	$+0^{\mathrm{s}}.0198$	$+19''.997$	$-0''.043$	28°	55
79.11.11	2	$0^{\mathrm{h}}\,17^{\mathrm{m}}\,18^{\mathrm{s}}.683$		28° 48′ 8″.75			
79.11.17	2	18.745		9.57			
79.11.18	2	18.448		9.05			
79.12.10	3	18.818		7.58			
80.12.11	3	18.688		7.60			
87.12.16	7	18.637		10.49			
186	8.7	3.1279	+0.0198	+19.997	−0.043	28°	56
77.12. 8	2	0 17 20.439		28 48 35.20			
79.11.11	3	20.443		32.50			
79.11.17	2	20.504		33.16			
79.11.18	2	20.226		33.18			
79.12. 3	3	20.365		33.18			
80.12.11	2	20.328		32.39			
187	9.0	3.1282	+0.0198	+19.996	−0.043	28°	58
73.11.24	1	0 17 28.775		28 46 48.69			
79.11.21	3	28.779		47.26			
79.11.29	3	28.730		47.31			
79.12. 1	3	28.661		48.30			
79.12. 4	3	28.793		47.05			
80.12. 6	3	28.708		47.26			
188	8.4	3.1224	+0.0177	+19.993	−0.044	25°	46
73.11. 3	3	0 17 50.973		25 42 10.63		Z.C. δ 10″.6	
73.11.28	3	51.109		10.54			
73.12.20	3	51.319		10.01			
75.12. 9	3	50.953		10.86			
77.11.13	3	51.070		11.17			
77.11.16	3	51.233		9.92			
78.12.11	3	51.026		11.39			
78.12.18	3	51.018		11.41			
82.12.11	3	51.035		9.79			
189	9.0	3.1240	+0.0182	+19.993	−0.044	26°	50
73.11.15	1	0 17 51.207		26 26 41.35			†
190	9.0	3.1327	+0.0208	+19.992	−0.044	—	—
73.10. 7	3	0 18 0.619		29 56 53.44			+ 1′
73.10.13	3	0.831		53.99			
77.10.27	3	0.644		54.95			
191	9.1	3.1251	+0.0184	+19.992	−0.044	26°	52
85.11.17	5	0 18 2:231		26 43 11.55			
85.11.19	3	2.196		11.02			
87.11.16	5	2.164		9.44			
192	9.4	3.1297	+0.0198	+19.992	−0.044	28°	59
72.11. 6	3	0 18 2.208		28 40 47.44			
79.11.21	3	2.275		45.05			
79.11.29	3	2.297		47.18			
79.12. 1	1	2.236		47.08			*
79.12. 3	3	2.339		47.46			
79.12.10	1	2.500		47.36			*
193	9.0	3.1333	+0.0208	+19.991	−0.044	29°	60
73.10.13	3	0 18 9.182		29 59 35.31			
73.10.28	1	9.117		36.00			
73.11.12	3	9.110		35.35			
77.10.27	3	9.123		36.69			
81.11.23	3	9.213		34.94			
194	$9^{\mathrm{m}}.3$	$3^{\mathrm{s}}.1290$	$+0^{\mathrm{s}}.0194$	$+19''.991$	$-0''.044$	27°	50
80.12.16	3	$0^{\mathrm{h}}\,18^{\mathrm{m}}\,15^{\mathrm{s}}.390$		28° 5′ 43″.16			
86.11.29	5	15.452		43.52			
86.11.30	4	15.765		43.35			
86.12.18	5	16.042		43.90			
195	9.5	3.1274	+0.0189	+19.991	−0.044	27°	49
73.10.20	2	0 18 16.391		27 22 39.79			†
196	8.4	3.1325	+0.0201	+19.989	−0.045	29°	62
72.11. 2	3	0 18 31.874		29 9 21.74			
73.11.12	3	31.796		20.20			
74.10.23	1	32.062		20.59			* − 5′
74.10.31	3	31.789		19.33			
74.11. 5	3	31.737		19.51			
75.11.25	3	31.773		20.84			
197	8.6	3.1285	+0.0189	+19.988	−0.045	27°	52
72.11.12	3	0 18 38.419		27 23 3.14			
73.10.20	2	38.560		4.37			-10^{s}
73.11. 5	3	38.225		4.22			
77.11. 1	3	38.253		3.78			
77.11.20	3	38.364		4.83			
198	9.0	3.1334	+0.0203	+19.988	−0.045	29°	63
73.10.28	2	0 18 39.668		29 19 2.77			
75.12.23	3	39.609		2.96			
84.12.19	1	39.819		0.88			* v. ft.
199	8.5	3.1338	+0.0204	+19.987	−0.045	29°	64
73.10.13	1	0 18 44.803		29 24 5.29			− 1′
74.10.23	3	44.631		6.39			
77.11. 1	3	44.598		5.65			
85.12. 4	5	44.660		5.93			
85.12. 7	5	44.776		5.05			
87.11.30	7	44.753		5.06			
200	9.3	3.1362	+0.0209	+19.986	−0.046	30°	56
81.11.19	3	0 18 52.002		30 11 41.15			
81.11.22	3	51.648		40.73			
81.12. 5	3	51.964		42.25			
81.12. 7	3	51.916		40.28			
81.12. 8	3	51.898		41.21			
201	9.0	3.1349	+0.0204	+19.985	−0.046	29°	66
73.10. 7	2	0 19 4.723		29 22 21.30			
73.11.12	2	4.818		20.67			
74.10.31	3	4.769		21.43			
202	9.0	3.1298	+0.0189	+19.985	−0.046	27°	53
73.10. 8	3	0 19 5.719		27 19 0.73			
73.11. 5	3	5.915		1.92			
74.12.10	3	5.749		0.68			
77.11.22	3	5.853		1.64			
203	8.7	3.1348	+0.0203	+19.984	−0.046	29°	67
75.12.23	3	0 19 8.879		29 16 16.96			
77.10.22	3	8.884		17.56			
77.10.27	1	8.655		17.66			
87.11.15	5	8.651		16.04			
204	9.1	3.1332	+0.0198	+19.984	−0.046	28°	61
73.11.11	3	0 19 9.630		28 37 3.79			
84.11.28	6	9.857		5.72			
84.12.15	5	9.651		6.45			
84.12.17	7	9.691		5.53			

205	$9^{m}.0$	$3^{s}.1300$	$+0^{s}.0189$	+19″.983	−0″.046	27° 54
72.11.12	2	$0^{h}19^{m}16^{s}.481$	27° 13′ 21″.90			
73.10. 8	3	16.331	23.28			
77.11.20	3	16.210	22.44			
87.12. 7	5	16.368	21.81			
206	9.5	3.1253	+0.0175	+19.983	−0.047	25° 51
84.11.10	4	0 19 18.614	25 15 3.55			
84.11.20	6	18.640	1.47			
87.12.14	5	18.672	0.53			
207	8.1	3.1332	+0.0196	+19.982	−0.047	28° 63
72.11. 6	3	0 19 29.732	28 14 54.36			
72.11.20	3	29.678	54.84			− 5′
73.10.23	3	29.726	51.75			
73.11.24	3	29.638	54.66			
208	9.5	3.1368	+0.0204	+19.981	−0.047	29° 68
89.11. 2	5	0 19 36.358	29 27 16.61			
89.11.12	7	36.350	17.03			
89.11.27	4	36.428	17.25			
209	9.1	3.1325	+0.0193	+19.981	−0.047	27° 55
73.11. 5	2	0 19 38.095	27 45 47.47			
85.12.10	5	38.243	47.10			
86.11.16	5	38.495	46.36			
86.11.23	2	38.358	49.16			
210	8.9	3.1262	+0.0175	+19.980	−0.047	25° 52
73.11. 3	3	0 19 41.330	25 10 46.33			
73.11.28	3	41.563	47.09			
73.12.20	3	41.648	46.76			
75.12. 9	3	41.492	47.95			
77.11.13	3	41.576	47.09			
77.11.16	3	41.749	46.20			
78.11.29	1	41.497	48.82			
78.12.18	3	41.565	46.43			
211	9.0	3.1367	+0.0203	+19.979	−0.048	29° 69
72.11. 2	2	0 19 50.980	29 8 33.91			
73.10.28	3	51.088	31.56			
82.12.11	3	51.252	29.88			
85.11.17	5	51.221	32.81			
85.11.19	4	51.151	32.46			
85.12. 1	5	51.318	32.99			
212	9.2	3.1360	+0.0200	+19.978	−0.048	28° 65
86.11.29	5	0 19 58.455	28 41 52.24			-5^{s}
86.11.30	5	58.587	51.81			
87.11.16	7	58.712	51.79			
87.12. 9	5	58.716	51.79			
213	9.3	3.1385	+0.0205	+19.977	−0.048	29° 71
81.12. 7	3	0 20 4.454	29 30 41.62			
81.12. 8	3	4.535	41.97			
87.12.17	5	4.618	41.89			
214	8.9	3.1303	+0.0183	+19.977	−0.048	26° 56
73.10.16	3	0 20 9.110	26 19 47.09			
73.11.15	3	9.183	46.75			
73.12.12	3	9.188	48.65			
74.11.10	3	9.194	47.09			
77.12.14	3	9.143	47.72			

215	$8^{m}.9$	$3^{s}.1342$	$+0^{s}.0194$	+19″.977	−0″.048	27° 57
73.10.20	3	$0^{h}20^{m}\ 9^{s}.805$	27° 47′ 23″.01			
77.11. 1	3	9.753	22.32			
77.11.20	3	9.644	24.92			
216	9.2	3.1391	+0.0206	+19.977	−0.048	29° 72
81.11.23	3	0 20 10.751	29 38 5.12			†
217	9.5	3.1433	+0.0208	+19.976	−0.048	29° 73
81.11.22	3	0 20 13.083	29 53 13.76			
81.12. 5	2	13.120	13.61			
218	9.4	3.1399	+0.0208	+19.976	−0.049	— —
81.11.19	3	0 20.16.277	29 47 5.99			†

Z.C. identification wrong: see appendix 217ᵃ.

219	8.1	3.1311	+0.0185	+19.976	−0.049	26° 57
73.11.15	1	0 20 16.385	26 29 48.49			*
73.12.11	3	16.688	51.54			
74.10. 5	3	16.600	48.50			
75.12.22	3	16.652	48.76			
220	9.0	3.1333	+0.0190	+19.976	−0.049	27° 58
73.10. 8	2	0 20 17.112	27 17 45.35			
74.12.10	3	17.090	45.27			
77.11.22	3	17.007	45.28			
78.11. 1	3	17.147	46.48			
90.12. 6	7	17.186	46.04			
221	8.8	3.1416	+0.0211	+19.975	−0.049	30° 58
72.11. 2	3	0 20 23.514	30 16 16.71			
73.10. 7	3	23.429	15.16			
74.10.23	3	23.769	15.94			v.ft.
77.10.27	1	23.399	15.47			
222	9.3	3.1376	+0.0200	+19.975	−0.049	28° 67
86.12.18	4	0 20 24.232	28 46 24.53			
89.11. 8	7	24.058	24.33			
223	8.9	3.1368	+0.0198	+19.974	−0.049	28° 68
72.11. 6	3	0 20 30.396	28 22 12.97			
72.11.20	3	30.640	12.35			
73.10.23	3	30.598	9.70			
73.11.24	2	30.478	12.40			
77.11.12	3	30.485	13.25			
77.11.23	3	30.523	12.41			
224	8.7	3.1330	+0.0187	+19.974	−0.049	26° 59
73.10.16	3	0 20 33.481	26 55 54.08			Z.C. δ 53″.5
73.10.27	3	33.548	52.09			
73.10.27	2	33.568	54.35			
74.10. 5	3	33.681	52.92			
77.12.14	2	33.530	54.18			
225	7.2	3.1282	+0.0174	+19.973	−0.049	24° 53
92.11. 1	7	0 20 40.320	24 53 12.72			
92.11.26	7	40.428	12.55			
226	8.9	3.1419	+0.0210	+19.972	−0.049	29° 75
73.10.28	2	0 20 41.920	29 59 41.03			
74.11. 5	3	41.952	40.43			
75.11.25	3	41.991	41.01			
75.12.23	3	42.026	41.00			
77.11. 9	3	41.975	41.36			
85.12. 4	5	42.081	41.41			
85.12. 7	5	41.975	40.14			

227	$9^{m}.4$	$3^{s}.1285$	$+0^{s}.0175$	$+19''.972$	$-0''.050$	24° 54
	77.11.13	3	$0^{h}20^{m}44^{s}.892$	24° 56′ 61″.02		− 1 int.
	78.12.11	3	45.098	59.93		
	87.12. 7	5	44.985	60.04		
228	9.0	3.1343	+0.0189	+19.972	−0.050	27° 61
	79.11.18	3	0 20 46.694	27 8 54.75		
	85.12.11	5	47.002	52.65		Ex. ft. − 1 int.
229	9.3	3.1320	+0.0183	+19.972	−0.050	26° 60
	74.11.10	2	0 20 48.261	26 14 32.88		+ 5′
	89.11.25	7	48.390	31.38		
230	8.5	3.1429	+0.0211	+19.972	−0.050	30° 60
	73.10.13	3	0 20 49.099	30 12 4.96		
	73.11.12	3	49.092	4.30		
	74.10.31	3	49.005	4.87		
	77.10.22	3	49.054	5.85		
231	7.6	3.1305	+0.0179	+19.971	−0.050	25° 55
	73.11. 3	3	0 20 53.353	25 35 19.95		
	73.11.28	3	53.353	19.86		
	75.12. 9	3	53.116	21.42		
	78.11.29	3	53.222	21.41		-10^{s}
232	9.1	3.1409	+0.0206	+19.971	−0.050	29^{s} 76
	87.11.15	5	0 20 53.962	29 24 34.20		
	87.11.30	5	53.914	32.44		
233	9.1	3.1372	+0.0196	+19.971	−0.050	27° 62
	73.11. 5	1	0 20 54.548	28 5 16.96		
	79.11.11	3	54.458	16.02		
	79.11.17	3	54.545	16.40		− 1 int.
	79.11.29	3	54.560	16.42		
	79.12. 1	3	54.471	16.54		
	79.12. 3	3	54.484	17.30		
	79.12.10	3	54.714	14.65		
	80.12. 6	3	54.479	16.22		
	80.12.11	3	54.629	15.92		
	80.12.16	3	54.347	15.87		
	81.11.29	3	54.451	16.94		
234	9.4	3.1292	+0.0175	+19.970	−0.050	24° 55
	73.11.28	3	0 20 58.178	24 58 22.79		
	78.10.29	3	58.145	22.89		
	78.12.18	3	58.224	23.72		
235	9.3	3.1311	+0.0179	+19.970	−0.050	25° 56
	87.12.10	7	0 20 58.539	25 43 15.54		
	87.12.14	5	58.437	16.82		
236	9.0	3.1349	+0.0189	+19.970	−0.050	27° 63
	79.11.18	3	0 20 58.561	27 9 18.86		
	85.12.10	5	58.623	18.79		
237	9.2	3.1314	+0.0180	+19.970	−0.050	25° 57
	87.12.19	4	0 20 58.937	25 50 3.86		†
238	8.0	3.1366	+0.0191	+19.968	−0.050	27° 64
	73.10.20	2	0 21 14.836	27 28 55.50		
	78.11. 1	3	14.940	55.30		$+1^{m}$
	80.12.16	1	14.758	55.77		
239	$9^{m}.4$	$3^{s}.1400$	$+0^{s}.0200$	$+19''.967$	$-0''.051$	28° 69
	73.11.11	3	$0^{h}21^{m}19^{s}.698$	28° 36′ 5″.13		
	73.11.24	3	19.836	6.95		
	77.11.12	3	19.853	6.55		
	77.11.23	3	19.787	6.30		
240	9.2	3.1294	+0.0173	+19.967	−0.051	24° 59
	87.11.16	2	0 21 22.316	24 39 41.79		†
241	9.1	3.1344	+0.0184	+19.966	−0.051	26° 61
	84.11. 7	7	0 21 28.143	26 24 18.93		
	84.11.10	5	28.114	19.24		+ 5′
	84.11.20	6	28.106	19.10		
	84.11.28	7	28.236	18.81		
242	9.2	3.1439	+0.0209	+19.966	−0.051	29° 78
	86.11.29	3	0 21 29.118	29 47 50.80		†
243	9.0	3.1430	+0.0207	+19.966	−0.051	29° 77
	73.10.13	2	0 21 29.232	29 28 17.43		
	73.11.12	3	29.419	17.98		
	74.10.31	3	29.302	17.01		
	75.11.25	3	29.178	18.17		
	77.10.22	2	29.169	18.64		
244	9.1	3.1367	+0.0190	+19.965	−0.051	27° 65
	72.11.12	3	0 21 33.997	27 9 5.33		
	74.12.10	3	33.932	2.60		
	77.11. 1	3	34.016	3.79		
	77.11.20	3	34.161	4.14		
	79.11.11	3	34.114	4.18		
	79.11.22	3	34.226	4.85		
	79.12. 1	3	34.061	4.76		
	79.12. 3	3	34.104	4.79		
	79.12.10	3	34.173	3.81		
245	9.4	3.1369	+0.0190	+19.965	−0.051	27° 67
	79.11.29	3	0 21 40.022	27 7 16.20		
	82.12.11	2	40.332	17.57		
246	8.0	3.1378	+0.0192	+19.964	−0.052	27° 68
	73.10. 8	3	0 21 43.368	27 22 7.24		− 1′
	77.11.22	3	43.221	7.10		
	79.11.18	1	43.467	6.12		
247	9.1	3.1448	+0.0209	+19.964	−0.052	29° 81
	86.11.16	7	0 21 47.030	29 45 42.76		
	86.11.23	7	47.092	43.22		
248	9.3	3.1315	+0.0175	+19.964	−0.052	24° 60
	85.11.17	7	0 21 47.526	25 1 27.07		
	85.12. 1	5	47.546	25.68		
	89.11. 2	7	47.470	26.25		
	89.11. 5	7	47.355	26.49		
249	9.0	3.1340	+0.0181	+19.963	−0.052	25° 58
	73.11. 3	3	0 21 54.043	25 49 24.01		
	73.11.28	2	54.103	23.50		
	75.12. 9	3	54.058	26.48		
	77.11.13	3	54.105	24.11		
250	9.3	3.1365	+0.0186	+19.962	−0.052	26° 62
	74.10. 5	3	0 22 1.642	26 35 37.56		†

251	$9^{m}.3$	$3^{s}.1325$	$+0^{s}.0176$	$+19''.961$	$-0''.052$	24° 62
87.12.16	7	$0^{h}22^{m}3^{s}.939$		25° 6′ 18″.61		
87.12.17	5	3.762		18.86		
252	9.5	3.1360	+0.0183	+19.960	−0.053	26° 63
73.12.12	3	0 22 16.970		26 9 47.53		†
253	9.5	3.1451	+0.0206	+19.959	−0.054	29° 83
81.11.19	3	0 22 18.758		29 15 39.23		
81.11.22	3	18.773		39.17		
81.11.23	3	18.862		39.15		
81.12. 5	3	18.995		39.91		
81.12. 7	3	18.887		38.86		
254	9.4	3.1336	+0.0176	+19.958	−0.053	24° 63
84.12.18	6	0 22 28.748		25 5 58.01		
88.11.26	5	28.798		61.43		
255	9.2	3.1325	+0.0173	+19.958	−0.053	24° 64
86.12.18	5	0 22 29.887		24 41 3.72		
89.11.27	7	29.879		4.16		
256	8.9	3.1448	+0.0203	+19.957	−0.054	28° 71
72.11. 6	3	0 22 36.595		28 51 19.27		
73.10.23	3	36.582		17.79		
73.11.24	3	36.757		19.74		
78.12.19	3	36.640		20.48		$+1^{m}$
81.12. 7	2	36.437		19.22		
257	9.4	3.1479	+0.0210	+19.955	−0.054	29° 84
81.12. 8	3	0 22 45.591		29 44 37.16		
85.12. 4	7	45.517		38.47		
85.12. 7	7	45.660		38.15		
258	7.6	3.1432	+0.0198	+19.955	−0.055	28° 72
73.10.23	3	0 22 46.002		28 8 7.45		−10′
73.11.11	3	45.947		7.75		
77.11.23	3	46.151		9.24		
78.11. 1	3	45.933		8.81		
78.12. 9	3	45.958		6.72		
259	8.7	3.1490	+0.0212	+19.955	−0.055	29° 85
72.11. 2	3	0 22 46.755		30 2 34.35		
73.10. 7	2	47.038		32.39		
74.10.23	3	46.983		33.92		
77.10.27	3	46.817		35.31		
77.11. 9	3	46.815		33.51		
82.12.23	3	47.048		31.84		
260	8.4	3.1375	+0.0184	+19.955	−0.054	26° 65
73.10.16	3	0 22 47.675		26 10 49.95		Z.C. Ep 74.9
73.10.16	2	47.685		49.44		
73.10.27	3	47.437		47.51		
73.11.15	3	47.770		49.77		
73.11.15	1	48.000		48.73		
73.12.11	3	47.878		50.52		
73.12.12	3	48.160		49.93		
74.11.10	3	47.543		50.63		
75.12.22	3	47.824		48.70		
77.11.10	3	47.845		50.49		
77.12.14	3	47.807		49.92		
261	9.3	3.1488	+0.0211	+19.955	−0.055	29° 86 A
75.12.23	3	0 22 50.514		29 54 25.18		†
262	$9^{m}.0$	$3^{s}.1488$	$+0^{s}.0211$	$+19''.955$	$-0''.055$	29° 86 B
73.11.12	3	$0^{h}22^{m}50^{s}.730$		29° 54′ 31″.99		d.n.
75.11.25	3	50.572		29.91		
75.12.23	2	50.664		31.77		
82.12.11	3	50.554		29.60		d.n.
263	8.0	3.1366	+0.0182	+19.955	−0.054	25° 61
73.11. 3	3	0 22 51.272		25 48 14.79		
73.11.28	2	51.291		15.23		
73.12.20	2	51.384		15.65		
75.12. 9	3	51.109		15.63		
77.11.13	3	51.333		15.59		
77.11.16	3	51.234		13.39		
78.12.11	3	51.143		16.39		
264	8.5	3.1483	+0.0208	+19.952	−0.055	29° 88
72.11. 2	3	0 23 6.854		29 28 13.63		
73.10. 7	2	6.748		11.72		
73.10.13	3	6.806		12.75		
73.10.28	3	6.782		13.40		
77.11. 9	3	6.647		13.58		
265	9.2	3.1499	+0.0212	+19.952	−0.055	29° 87
81.11.29	3	0 23 7.345		29 57 10.22		
81.12.22	3	7.306		11.28		
85.12.10	5	7.221		10.33		
87.11.15	5	7.202		9.86		
266	9.5	3.1467	+0.0201	+19.949	−0.056	28° 74
72.11. 6	3	0 23 29.767		28 33 52.79		
73.11.11	3	29.628		49.99		
73.11.24	3	29.780		52.70		
267	6.0	3.1484	+0.0205	+19.949	−0.056	28° 75
72.11.20	3	0 23 31.750		29 3 43.01		
73.10.23	2	31.945		41.96		
77.11.12	3	32.120		44.82		+5′
87.12. 7	5	31.849		43.58		
268	9.5	3.1404	+0.0186	+19.948	−0.055	26° 67
84.11. 7	3	0 23 36.365		26 23 32.19		
84.12.15	7	36.282		31.09		
84.12.17	5	36.241		33.61		
269	8.2	3.1442	+0.0194	+19.946	−0.056	27° 71
72.11.12	3	0 23 52.863		27 22 55.32		
73.10. 8	3	52.784		55.48		
73.10.20	3	52.910		54.56		
73.11. 5	3	52.815		55.13		
77.11. 1	3	52.896		55.21		
77.11.20	3	52.848		55.23		
77.11.22	3	52.900		55.14		
79.11.18	3	52.952		54.68		
79.11.29	3	52.761		55.50		
82.12.23	3	52.967		55.43		
270	9.0	3.1513	+0.0209	+19.945	−0.057	29° 90
73.10.28	3	0 23 59.173		29 29 15.86		
73.11.12	3	59.289		17.27		
77.10.22	3	59.039		16.89		
87.12.19	5	59.099		15.55		

271	$8^{m}.9$	$3^{s}.1497$	$+0^{s}.0204$	$+19''.944$	$-0''.057$	28° 78
73.11.11	3	$0^{h}\,24^{m}\,4^{s}.989$	28° 54′ 47″.21			
73.11.24	1	5.215	49.91			
77.11.12	3	5.136	49.47			
77.11.23	3	5.189	49.11			
78.11. 1	3	5.072	49.24			
81.11.19	3	5.138	47.86			
272	8.7	3.1514	+0.0208	+19.943	−0.057	29° 92
73.10.13	3	0 24 10.068	29 21 17.70			
73.10.28	1	9.863	19.00			
74.10.31	3	9.894	16.57			
74.11. 5	3	9.999	18.25			
75.11.25	3	10.040	17.51			
75.12.23	2	9.999	17.97			
77.10.27	3	9.908	18.67			
273	9.0	3.1455	+0.0194	+19.942	−0.056	27° 72
72.11.12	3	0 24 14.363	27 25 12.35			
74.12.10	3	14.438	14.10			
79.12. 1	3	14.143	13.23			
87.12.17	7	14.223	13.60			
274	8.4	3.1502	+0.0204	+19.942	−0.058	28° 80
72.11.20	2	0 24 18.181	28 50 13.80			
81.12. 8	3	17.962	14.31			
87.12. 9	7	18.127	14.41			
275	9.0	3.1480	+0.0199	+19.941	−0.058	27° 73
73.10. 8	2	0 24 23.328	28 4 19.63			
73.11. 4	3	23.342	20.52			− 1 int.
73.11. 5	3	23.489	19.58			
86.12.18	4	23.688	19.98			
276	9.3	3.1477	+0.0196	+19.938	−0.058	27° 74
74.12.10	3	0 24 38.520	27 43 53.87			
77.11.20	3	38.522	55.83			
84.12.18	6	38.838	55.69			
86.11.30	5	38.746	56.15			
277	9.0	3.1419	+0.0183	+19.938	−0.057	25° 65
73.11. 3	3	0 24 44.403	25 47 13.94			
73.11.28	3	44.436	13.37			
75.12. 9	3	44.253	13.93			
77.11.13	3	44.536	13.74			
77.11.16	3	44.498	12.87			
78.12.11	3	44.508	14.31			
78.12.18	3	44.467	14.19			
278	9.4	3.1461	+0.0191	+19.936	−0.058	26° 70
73.12.11	3	0 24 52.521	27 1 44.22			
74.11.10	3	52.518	43.48			
82.12.11	1	52.458	42.67			
85.11.17	5	52.526	43.74			
85.11.19	4	52.471	45.26			
85.12. 1	5	52.470	43.70			
279	9.5	3.1476	+0.0194	+19.936	−0.058	27° 75
73.10.20	3	0 24 55.072	27 26 55.12			
79.11.11	3	55.095	55.28			
79.11.18	3	55.265	54.84			
79.11.29	3	55.111	55.25			
79.12. 1	3	54.999	55.25			
79.12. 3	3	55.172	55.63			
80.12.16	3	55.047	55.66			
280	$9^{m}.4$	$3^{s}.1488$	$+0^{s}.0197$	$+19''.935$	$-0''.059$	27° 76
86.11.29	7	$0^{h}\,24^{m}\,57^{s}.612$	27° 45′ 54″.59			†
281	9.2	3.1479	+0.0194	+19.934	−0.058	27° 77
77.11.22	3	0 25 5.384	27 21 5.37			
77.11.22	2	5.474	5.95			
282	9.1	3.1455	+0.0188	+19.933	−0.058	— —
81.12.23	3	0 25 12.679	26 31 43.20			
89.11. 6	7	12.711	44.39			
283	9.1	3.1454	+0.0187	+19.933	−0.058	26° 71
82.12.23	2	0 25 13.712	26 27 47.20			†
284	9.4	3.1504	+0.0199	+19.932	−0.059	27° 79
73.11. 5	3	0 25 15.839	28 0 16.27			
85.12.10	5	16.118	14.92			
87.12.10	5	15.914	13.67			
87.12.14	5	16.056	16.56			
285	9.0	3.1409	+0.0178	+19.932	−0.059	24° 71
85.12. 4	5	0 25 18.555	25 0 51.79			
85.12. 7	5	18.407	50.44			
87.12.16	5	18.534	51.23			
286	8.7	3.1569	+0.0212	+19.932	−0.060	29° 94
72.11. 2	3	0 25 21.175	29 49 53.55			Z.C. α $21^{s}.14$
73.10.13	3	21.164	51.83			
73.11.12	3	21.171	51.66			
74.10.31	3	21.102	50.47			
75.11.25	3	21.074	52.15			
77.10.22	3	21.066	52.96			
77.11. 9	3	21.214	53.45			
287	8.6	3.1502	+0.0197	+19.932	−0.060	27° 80 A
79.11.17	3	0 25 21.287	27 49 10.16			
79.11.18	2	21.289	10.49			
79.11.22	1	21.378	11.11			
80.12.16	3	21.137	9.71			
288	8.4	3.1502	+0.0197	+19.931	−0.060	27° 80 B
79.11.11	3	0 25 22.119	27 49 50.85			d.n.f.
79.11.17	3	22.318	51.47			
79.11.22	3	22.228	51.28			
289	8.5	3.1475	+0.0191	+19.931	−0.059	26° 72
73.10.16	3	0 25 24.902	26 58 17.93			
73.10.27	3	25.033	18.00			
73.11.15	3	24.962	17.39			D − 10″
73.12.12	3	25 260	17.86			
77.11.10	3	25.264	19.16			
77.12.14	3	25.182	18.89			
89.11.25	7	25.252	17.70			
290	9.5	3.1543	+0.0206	+19.930	−0.060	28° 83
81.11.19	3	0 25 32.585	28 53 19.98			
81.11.22	3	32.640	22.33			
81.11.23	3	32.698	20.86			
81.12. 5	3	32.698	21.34			
291	9.5	3.1542	+0.0205	+19.930	−0.060	28° 84 A
81.12. 7	3	0 25 32.832	28 49 53.16			†

292	$8^{m}.9$	$3^{s}.1542$	$+0^{s}.0205$	$+19''.930$	$-0''.060$	28° 84 B
	77.11.23	3	$0^{h}25^{m}33^{s}.472$	$28^{\circ}49'59''.34$	c.d.n.f.	
	78.11. 1	3	33.475	58.31	d.l.	
	78.12.19	3	33.649	58.82	d.f.	
	81.11.29	3	33.382	59.22	d.n.f.	
	81.12. 8	3	33.494	58.24	d.n.f.	
293	8.5	3.1521	+0.0201	+19.930	−0.060	28° 82
	72.11. 6	3	0 25 33.223	28 14 46.50		
	73.10.23	3	33.326	43.29		
	77.11.12	3	33.497	46.69		
294	9.3	3.1567	+0.0210	+19.929	−0.060	29° 96
	75.12.23	1	0 25 35.771	29 31 11.98		
	87.12. 7	5	35.919	10.96		
295	9.5	3.1472	+0.0189	+19.929	−0.059	26° 73
	73.10.27	2	0 25 39.362	26 38 27.35		
	73.11.15	3	39.519	27.88		
	74.10. 5	3	39.462	29.24		
296	9.0	3.1418	+0.0178	+19.928	−0.059	24° 72
	87.11.15	5	0 25 42.533	24 56 29.92		
	87.11.16	6	42.393	30.39		
	89.11. 5	7	42.300	32.24		
297	8.9	3.1425	+0.0179	+19.928	−0.059	25° 67
	73.11. 3	3	0 25 42.641	25 8 5.17		
	73.11.28	3	42.790	5.70		
	73.12.24	3	42.683	5.94		
	75.12. 9	3	42.681	5.22		
	77.11.13	3	42.818	4.98		
	84.12.15	5	42.782	5.66		
298	9.1	3.1500	+0.0195	+19.928	−0.059	27° 81
	72.11.12	3	0 25 43.688	27 25 34.29		
	73.10.20	3	43.563	35.55		
	77.11. 1	3	43.713	33.87		
299	8.6	3.1487	+0.0192	+19.928	−0.059	26° 74
	73.10.16	3	0 25 45.303	27 1 14.72	Z.C. δ 14''.8	
	73.12.11	3	45.478	15.52		
	74.11.10	3	45.156	15.12		
	75.12.22	3	45.102	13.24		
	77.11.10	3	45.392	15.16		
	90.12. 6	7	45.303	14.76		
300	9.0	3.1533	+0.0201	+19.926	−0.061	28° 85
	72.11. 6	3	0 25 53.684	28 15 34.12		
	73.10.23	3	53.777	31.95		
	78.12.19	3	53.752	34.34		
301	8.8	3.1508	+0.0195	+19.926	−0.060	27° 82
	73.10. 8	3	0 25 56.981	27 30 17.23	w. 5.6. $+10^{s}$	
	73.11. 5	1	56.766	16.77	Z.C. α $57^{s}.00$	
	77.11.20	3	56.920	16.53		
	86.11.16	7	57.218	16.99		
	86.11.23	7	57.067	18.26		
	89.11.12	7	57.044	16.86		
302	9.3	3.1429	+0.0179	+19.926	−0.060	24° 73
	84.11.28	7	0 25 57.926	25 4 20.88		
	84.12.17	7	57.826	22.15		
303	$6^{m}.8$	$3^{s}.1490$	$+0^{s}.0191$	$+19''.925$	$-0''.060$	26° 76
	73.12.11	2	$0^{h}25^{m}59^{s}.839$	$26^{\circ}53'27''.67$		
	73.12.12	3	59.588	27.05		
304	9.4	3.1546	+0.0203	+19.924	−0.061	28° 86
	81.11.23	3	0 26 6.398	28 28 31.07		
	81.12.22	3	6.349	32.60		
305	9.5	3.1501	+0.0192	+19.923	−0.060	26° 77
	87.12.19	6	0 26 13.464	26 59 32.50	†	
306	7.0	3.1520	+0.0196	+19.923	−0.061	27° 84
	73.11. 4	3	0 26 13.490	27 35 23.44		
	74.12.10	3	13.828	22.49		
	77.12.13	2	13.714	23.23		
307	9.2	3.1580	+0.0209	+19.923	−0.061	29° 97
	86.11.30	5	0 26 16.384	29 16 30.89		
	87.11.30	7	16.413	28.08		
308	8.5	3.1568	+0.0206	+19.922	−0.061	28° 87
	72.11.20	3	0 26 17.486	28 55 15.42		
	73.11.11	3	17.489	13.87		
	73.11.11	2	17.658	13.58		
	73.11.24	3	17.332	15.44		
	73.11.24	1	17.602	15.98		
	81.11.22	3	17.505	14.38		
	81.11.29	3	17.544	14.88		
	81.12. 5	3	17.471	14.92		
	81.12. 7	3	17.583	13.68		
	81.12. 8	3	17.502	14.77		
309	9.0	3.1586	+0.0210	+19.922	−0.062	29° 98
	72.11. 2	3	0 26 19.168	29 25 41.08		
	73.10. 7	3	19.350	41.45	w. 3. $+1^{s}.$	
	73.10.13	3	19.166	40.44		
	73.11.12	3	19.499	40.75	c.d.l.	
	74.10.31	3	19.288	39.02		
	75.11.18	3	19.442	41.16		
	77.10.22	3	19.353	40.87		
	77.10.27	3	19.241	40.93	c.d.s.p.	
	82.12.11	3	19.288	38.71		
	84.12.19	7	19.370	39.79		
310	9.2	3.1497	+0.0189	+19.918	−0.062	26° 78
	74.10. 5	2	0 26 47.071	26 25 58.76		
	77.11.10	1	47.181	58.73		
311	9.2	3.1450	+0.0178	+19.916	−0.063	24° 76
	82.12.23	2	0 26 57.673	24 51 7.49		
	85.11.17	5	57.767	7.39		
	85.11.19	3	57.679	7.81		
	85.12. 1	5	57.799	8.52	+ 5'	
312	9.5	3.1518	+0.0192	+19.916	−0.063	26° 79
	73.10.16	2	0 26 58.224	26 54 13.41		
	73.10.27	2	58.334	12.54		
	73.11.15	3	58.249	12.23		
	73.12.11	1	58.314	14.31		
	77.12.14	3	58.373	13.95		
313	9.0	3.1539	+0.0196	+19.915	−0.063	27° 86
	72.11.12	3	0 26 58.702	27 27 16.10	†	

314	$9^{\mathrm{m}}2$	$3^{\mathrm{s}}1497$	$+0^{\mathrm{s}}0187$	+19″914	−0″063	26° 80
89.11. 2	5	$0^{\mathrm{h}}27^{\mathrm{m}}$	$7^{\mathrm{s}}059$	26° 8′	35″54	†
315	9.5	3.1508	+0.0189	+19.914	−0.063	26° 81
75.12.22	3	0 27	8.419	26 26	52.45	
92.11.26	4		8.485		51.76	
316	8.8	3.1568	+0.0201	+19.914	−0.063	28° 89
72.11. 6	3	0 27	8.637	28	9.46.54	
72.11.20	3		8.663		46.72	
77.11.12	3		8.710		47.87	
77.11.23	3		8.479		47.73	
78.12. 9	3		8.490		45.79	
317	9.3	3.1503	+0.0188	+19.913	−0.063	26° 82
74.11.10	3	0 27	12.737	26 13	39.69	
78.10.29	3		12.957		39.78	
79.11.11	3		12.837		40.36	
79.11.17	3		12.923		38.99	− 1′
79.11.18	3		12.865		38.63	
79.11.29	3		12.835		37.92	
79.12. 1	3		12.777		39.04	
318	9.4	3.1482	+0.0183	+19.912	−0.064	25° 72
73.12.24	3	0 27	16.903	25 33	56.26	
75.12. 9	3		16.782		56.09	
77.11.13	3		17.048		56.42	
77.11.16	3		16.920		55.48	
84.11.10	6		16.959		57.01	
84.11.20	6		16.959		55.71	
87.12.10	5		17.048		53.51	− 1 int.
87.12.14	5		17.121		56.20	
319	9.3	3.1558	+0.0198	+19.911	−0.064	27° 87
85.12. 4	5	0 27	21.633	27 42	20.87	
85.12. 7	5		21.504		19.92	
87.12.16	5		21.531		22.11	
320	9.3	3.1529	+0.0190	+19.908	−0.064	26° 84
86.11.29	5	0 27	42.948	26 33	9.89	
87.12. 7	5		43.039		10.62	
88.11.26	4		43.099		11.03	
321	9.5	3.1590	+0.0202	+19.907	−0.065	— —
73.10.23	2	0 27	45.930	28 12	59.61	
73.11.11	3		45.945		59.49	
322	9.2	3.1591	+0.0202	+19.907	−0.065	28° 91
77.11.12	3	0 27	47.283	28	14.32.70	
78.12.19	2		47.631		31.14	§+1 int: v. ft.
85.12.10	7		47.233		30.92	
87.11.15	7		47.207		30.24	
87.11.16	5		47.409		30.78	
87.12.17	4		47.241		30.71	n.f. of 2
323	9.0	3.1642	+0.0212	+19.906	−0.065	29° 99
72.11. 2	3	0 27	52.275	29 33	18.27	− 5′
73.10. 7	3		52.174		16.05	
324	9.5	3.1485	+0.0181	+19.906	−0.065	25° 75
73.11. 3	3	0 27	52.290	25 9	54.43	
73.11.28	3		52.375		55.07	
77.11.13	3		52.531		53.77	
78.11. 7	2		52.543		54.69	
325	$9^{\mathrm{m}}1$	$3^{\mathrm{s}}1533$	$+0^{\mathrm{s}}0190$	+19″905	−0″065	26° 85
73.10.16	2	$0^{\mathrm{h}}28^{\mathrm{m}}$	$1^{\mathrm{s}}717$	26° 27′	13″75	
73.10.27	2		1.622		11.35	
73.11.15	3		1.615		11.97	
75.12.22	3		1.609		12.25	
77.12.14	3		1.688		12.86	
326	9.4	3.1597	+0.0202	+19.905	−0.065	— —
77.11.23	3	0 28	1.853	28 11	46.53	†
327	9.2	3.1525	+0.0187	+19.904	−0.065	26° 86
86.11.30	5	0 28	4.852	26 9	10.84	
86.12.18	7		5.033		10.21	
328	9.0	3.1500	+0.0182	+19.903	−0.065	25° 77
73.11. 3	3	0 28	8.660	25 22	40.53	†
73.11.28	2		8.766		42.03	
73.12.24	2		8.658		42.55	
329	8.1	3.1517	+0.0184	+19.901	−0.066	25° 78
78.11. 7	1	0 28	18.914	25 45	18.27	
78.11.29	3		18.817		19.06	
78.12.18	3		19.098		19.44	? v. c. d.
79.11.11	3		19.070		18.51	
79.12. 1	3		19.041		19.29	
330	9.5	3.1505	+0.0182	+19.901	−0.066	— —
73.12.24	2	0 28	22.057	25 21	26.89	†
331	8.7	3.1667	+0.0213	+19.897	−0.066	29° 101
73.10.13	3	0 28	40.853	29 31	45.49	
73.11.12	3		40.849		46.88	
74.10.31	2		40.801		47.18	
75.12.23	3		40.870		47.71	
77.10.22	3		40.928		47.02	
77.10.27	3		40.634		47.55	
332	9.1	3.1667	+0.0212	+19.896	−0.067	29° 102
85.11.17	5	0 28	47.544	29 25	23.24	n. f. of 2
85.11.19	3		47.439		24.89	
85.12. 1	5		47.538		24.72	
333	9.1	3.1638	+0.0206	+19.896	−0.067	28° 93
72.11. 6	2	0 28	48.246	28 37	55.34	
72.11.20	3		48.591		55.18	
73.10.23	3		48.513		52.96	
73.11.24	3		48.396		55.07	
334	9.5	3.1622	+0.0203	+19.896	−0.067	28° 94
73.11.11	3	0 28	51.114	28 11	28.97	w. 6. 7. − 10^{s}
73.11.24	1		51.003		30.88	
77.11.12	1		51.492		31.10	
335	9.3	3.1582	+0.0194	+19.894	−0.067	26° 87
85.12. 4	5	0 29	0.638	26 59	7.98	
85.12. 7	5		0.548		6.09	
89.11.12	7		0.797		6.07	
336	9.0	3.1695	+0.0217	+19.894	−0.067	29° 103
73.10. 7	3	0 29	1.031	29 57	15.43	
73.10.13	3		1.225		17.11	
73.11.12	3		1.352		16.33	

337	$9^{m}2$	$3^{s}1601$	$+0^{s}0198$	$+19''894$	$-0''067$	27° 90
	84.11.28	7	$0^{h}29^{m}\,2^{s}266$	27° 28′ 22″12		
	84.12.15	7	2.088	23.41		
	84.12.17	7	2.276	24.38		
338	8.7	3.1568	+0.0191	+19.893	−0.067	26° 88
	73.11.15	2	0 29 2.956	26.34 52.97		
	73.12.11	3	2.975	55.37		
	74.10. 5	3	2.843	53.08		
339	9.3	3.1572	+0.0191	+19.893	−0.067	— —
	74.10. 5	2	0 29 5.552	26 38 52.26		†
340	9.2	3.1513	+0.0180	+19.892	−0.067	24° 85
	79.11.18	3	0 29 10.270	24 58 6.52		
	87.12.10	5	10.214	3.67		
	87.12.14	5	10.443	6.62		
	87.12.16	5	10.224	6.91		
341	9.1	3.1511	+0.0179	+19.891	−0.067	24° 86
	84.11.10	7	0 29 13.611	24 54 4.37		
	84.11.20	6	13.579	3.84		
	89.11.25	7	13.630	3.79		
342	8.6	3.1648	+0.0206	+19.891	−0.067	28° 95
	78.12. 9	3	0 29 14.064	28 32 55.25		
	79.11.17	3	14.313	56.82		
	79.12. 1	3	14.066	56.68		
	81.12. 8	3	14.378	55.69		
343	8.3	3.1643	+0.0205	+19.891	−0.068	28° 96
	78.12. 9	1	0 29 15.216	28 24 39.91		*
	79.11.22	3	15.435	42.26		
	79.11.29	3	15.440	41.71		
344	8.8	3.1683	+0.0212	+19.890	−0.068	29° 105
	72.11. 2	3	0 29 22.801	29 19 7.00		
	73.10.28	3	22.899	5.32		d. s. p.
	74.11. 5	3	23.002	5.82		
345	8.8	3.1592	+0.0194	+19.889	−0.068	26° 89
	74.11.10	3	0 29 26.801	26 55 48.11		
	75.12.22	3	26.924	47.47		
	78.10.29	3	26.845	49.72		
	78.12.11	3	26.854	48.96		
346	9.3	3.1667	+0.0208	+19.888	−0.068	28° 97
	81.11.23	3	0 29 29.516	28 49 21.03		
	81.12. 5	3	29.342	22.47		
	81.12. 7	3	29.554	21.42		
	81.12.22	3	29.595	21.77		
347	9.0	3.1596	+0.0194	+19.887	−0.068	26° 90
	73.10.16	3	0 29 39.652	26 51 8.17		
	73.10.27	3	39.406	6.48		
	79.12. 1	2	39.506	8.30		
	79.12.10	3	39.764	6.65		
348	9.0	3.1716	+0.0217	+19.886	−0.068	29° 106
	73.10. 7	3	0 29 41.413	29 54 24.87		
	73.10.28	1	41.482	23.54		− 1 int.
	73.11.12	2	41.442	24.87		
	87.12.17	4	41.678	24.72		
349	$6^{m}7$	$3^{s}1587$	$+0^{s}0192$	$+19''886$	$-0''068$	26° 91
	73.11.15	1	$0^{h}29^{m}43^{s}755$	26° 33′ 57″62		
	73.12.11	3	43.803	60.13		
	91.12. 4	7	43.662	58.80		
350	9.0	3.1732	+0.0220	+19.885	−0.069	30° 81
	79.11.11	3	0 29 45.746	30 13 48.36		
	79.12. 2	3	45.643	47.87		
	79.12. 3	3	45.673	48.84		
351	8.2	3.1548	+0.0184	+19.885	−0.069	25° 81
	73.11. 3	3	0 29 46.202	25 28 12.02		
	73.11.28	3	46.333	13.66		
	77.11.13	3	46.272	12.43		
	77.11.16	3	46.293	11.81		
352	8.5	3.1693	+0.0211	+19.884	−0.069	29° 107
	73.10.13	3	0 29 53.516	29 9 11.81		
	92.11. 1	6	53.427	10.93		− 15′
353	9.2	3.1688	+0.0209	+19.882	−0.069	28° 98
	87.11.16	5	0 30 3.473	28 54 2.63		
	87.12. 7	7	3.348	3.39		
354	8.0	3.1591	+0.0190	+19.881	−0.069	26° 92
	74.11.10	3	0 30 7.606	26 21 51.77		Z.C.δ 52″1
	79.12.10	3	7.592	51.48		§
	83.11.12	3	7.617	52.38		
355	9.0	3.1675	+0.0206	+19.881	−0.069	28° 99
	73.10.23	3	0 30 9.305	28 29 38.88		
	79.11.29	3	9.428	41.08		
	80.12.11	3	9.357	40.58		
	80.12.16	3	9.240	41.43		
	83.11. 6	4	9.268	41.10		
	89.11. 2	7	9.382	41.94		+ 5′
356	8.8	3.1565	+0.0185	+19.879	−0.070	25° 84
	73.12.24	3	0 30 21.272	25 29 30.18		Z.C.δ 30″7
	77.11.16	3	21.277	29.89		
	78.10.29	3	21.290	32.17		
357	9.2	3.1555	+0.0182	+19.877	−0.070	25° 85
	87.12.19	5	0 30 27.493	25 9 29.20		†
358	9.5	3.1743	+0.0216	+19.876	−0.070	29° 108
	73.10.13	1	0 30 35.659	29 49 43.15		†
359	9.0	3.1618	+0.0192	+19.874	−0.070	26° 93
	73.10.27	3	0 30 43.796	26 36 55.11		
	73.12.11	2	43.910	58.33		
	74.11.10	3	43.845	56.19		
360	9.4	3.1700	+0.0207	+19.872	−0.071	28° 100
	81.12. 5	3	0 30 53.707	28 32 33.36		
	81.12. 8	3	53.905	30.89		
361	8.3	3.1584	+0.0185	+19.869	−0.071	25° 87
	77.11.13	2	0 31 9.497	25 26 2.04		Z.C.δ 2″1
	78.11. 7	3	9.269	2.07		
362	9.3	3.1707	+0.0207	+19.869	−0.071	28° 101
	81.12. 5	3	0 31 9.833	28 31 31.61		
	81.12. 8	3	10.002	29.62		

363	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.1761$	$+0^{\mathrm{s}}.0217$	$+19''.869$	$-0''.071$	29°111
73.10.13	1	$0^{\mathrm{h}}31^{\mathrm{m}}10^{\mathrm{s}}.671$	$29^\circ 49'\ 14''.10$			
79.11.11	3	10.583	14.78			
79.11.29	3	10.567	14.03			
364	9.0	3.1584	+0.0184	+19.869	−0.071	25° 88
73.12.24	3	0 31 10.826	25 24 34.61			Z.C. δ 34″.3
77.11.13	1	10.827	33.79			
78.11. 7	2	10.839	35.13			
78.12.18	3	10.708	33.79			
365	8.5	3.1593	+0.0186	+19.869	−0.071	25° 89
87.11.30	7	0 31 11.518	25 38 30.44			
92.11.26	7	11.389	31.61			
366	8.1	3.1576	+0.0183	+19.868	−0.071	25° 90
84.11.10	6	0 31 15.566	25 8 41.28			
84.11.20	7	15.423	39.70			
367	8.3	3.1613	+0.0186	+19.862	−0.072	25° 91
73.12.24	1	0 31 44.840	25 44 39.63			
77.11.16	3	44.983	39.50			
368	8.7	3.1697	+0.0202	+19.861	−0.073	27° 95
73.10. 8	3	0 31 48.332	27 46 2.94			
73.10.20	3	48.626	1.94			
74.12.10	3	48.707	1.63			
369	8.6	3.1662	+0.0196	+19.860	−0.073	26° 94
73.10.16	3	0 31 53.857	26 51 57.92			
73.10.27	3	54.008	57.00			-10^{s}
73.11.15	3	53.985	57.78			
74.10. 5	3	54.083	57.62			
370		Fundamental Star				28°103
371	9.0	3.1730	+0.0207	+19.860	−0.073	28°102
73.10.23	2	0 31 57.448	28 26 15.31			
78.12. 9	3	57.478	15.62			
84.11.28	7	57.447	16.92			
84.12.15	7	57.444	17.30			
84.12.17	7	57.361	17.61			
372	9.0	3.1817	+0.0221	+19.857	−0.073	30° 89
79.11.29	3	0 32 10.457	30 19 58.90			
79.12. 1	3	10.347	58.62			
373	9.5	3.1689	+0.0199	+19.856	−0.074	27° 97
73.10.20	3	0 32 15.395	27 15 8.74			+5′ †
83.11.19	2	15.415	10.18			bad
83.11.20	2	15.984	7.88			bad: ex. ft. Z.C. α $15^{\mathrm{s}}.60$
374	9.0	3.1681	+0.0197	+19.855	−0.074	26° 95
73.11.15	1	0 32 18.096	27 1 38.99			
73.12.11	3	17.931	43.46			
375	6.5	3.1625	+0.0186	+19.855	−0.074	25° 92
78.12.18	3	0 32 20.576	25 38 12.62			+ 5′
83.11. 6	7	20.759	12.02			
83.11. 9	7	20.750	11.00			
83.11.14	7	20.739	11.21			

376	$8^{\mathrm{m}}.7$	$3^{\mathrm{s}}.1710$	$+0^{\mathrm{s}}.0202$	$+19''.855$	$-0''.074$	27° 98
73.10. 8	3	$0^{\mathrm{h}}32^{\mathrm{m}}22^{\mathrm{s}}.094$	$27^\circ 41'\ 2''.42$			
74.12.10	1	22.333	1.39			
87.11.15	7	22.015	1.19			
87.11.16	7	22.226	0.79			
377	9.4	3.1823	+0.0221	+19.854	−0.074	30° 90
73.11.12	3	0 32 25.094	30 17 57.20			
73.11.12	1	25.347	57.37			
79.12.10	3	25.437	56.46			
83.11.12	7	25.162	57.17			
378		Fundamental Star				30° 91

379 Not found on revision 98.12.9; not found on Oxford photographs 95.9.26: 96.11.6: 55′ wrong: see 380 (78.12.18)

380	8.8	3.1612	+0.0183	+19.850	−0.074	24° 91
73.12.24	1	0 32 45.168	25 2 37.45			Z.C. δ 39″.1
78.10.29	3	44.964	39.89			
78.12.18	2	44.790	39.77			§ − 55′
79.11.11	3	45.009	39.77			
79.11.29	3	45.047	39.48			
381	8.5	3.1685	+0.0196	+19.850	−0.074	26° 96
73.10.16	3	0 32 45.469	26 48 8.14			
73.10.27	2	45.620	6.10			
74.10. 5	3	45.484	6.99			
382	8.6	3.1656	+0.0190	+19.849	−0.075	25° 93
77.11.16	3	0 32 51.516	26 3 4.30			
92.11. 1	7	51.276	5.29			
383	9.1	3.1616	+0.0183	+19.848	−0.075	24° 92
77.11.13	3	0 32 51.926	25 4 56.57			Z.C. δ 56″.7
78.10.29	2	52.012	56.77			
384	9.5	3.1774	+0.0210	+19.845	−0.075	28°105
73.10.23	3	0 33 8.039	28 39 1.06			
73.11.24	1	7.809	3.30			
78.12. 9	3	7.923	2.40			
81.12. 5	3	8.049	2.70			
385	9.0	3.1782	+0.0210	+19.843	−0.076	28°106
72.11. 6	3	0 33 18.193	28 40 61.83			Z.C. δ 0″.2
72.11.20	2	18.241	60.80			
73.11.11	2	18.036	58.65			
78.12. 9	1	18.015	59.46			
386	7.9	3.1676	+0.0191	+19.838	−0.076	25° 96
73.11. 3	3	0 33 40.605	25 58 46.44			Z.C. δ 47″.1
73.11.28	2	40.539	47.84			
78.11. 7	3	40.385	47.00			
387	8.8	3.1832	+0.0215	+19.834	−0.077	29°119
73.10. 7	3	0 34 0.329	29 19 12.14			− 1′
73.10.13	3	0.429	10.56			
73.10.28	3	0.495	10.86			
73.11.12	3	0.379	12.12			
388	9.5	3.1734	+0.0198	+19.833	−0.077	26° 99
84.11.20	4	0 34 4.373	27 3 3.74			†

389	$8^{\mathrm{m}}.9$	$3^{\mathrm{s}}.1785$	$+0^{\mathrm{s}}.0207$	+19″.832	−0″.077	28°107
	73.10.23	3	$0^{\mathrm{h}}\,34^{\mathrm{m}}\,7^{\mathrm{s}}.310$	28° 10′ 15″.55		
	73.11.24	1	7.395	18.39		
	77.11.12	3	7.320	19.01		−1′
390	8.7	3.1820	+0.0213	+19.832	−0.077	28°108
	72.11. 6	1	0 34 7.437	28 57 59.38		Z.C. δ 59″.3
	78.11. 1	3	7.473	58.85		
	78.12.19	3	7.408	59.56		
390ᵃ	9.5	3.1880	+0.0222	+19.829	−0.078	29°120
	95. 9.20	7	0 34 22.032	30 5 60.01		Z.C. α $21^{\mathrm{s}}.96$
	95. 9.23	6	21.871	59.80		v. ft.
	95. 9.24	7	21.920	59.70		
	95.11.14	7	22.017	59.10		
391	9.4	3.1841	+0.0214	+19.827	−0.078	— —
	75.12.23	3	0 34 31.926	29 7 50.96		Z.C. δ 51″.0
	77.10.27	3	32.162	51.46		
	79.11.11	3	32.238	50.29		
	79.11.18	3	31.953	50.67		
	79.12. 1	3	31.852	50.69		
	79.12.22	2	32.263	51.82		
	80.12.16	3	32.109	50.91		
	81.11.29	3	32.154	50.89		
392	9.0	3.1798	+0.0206	+19.825	−0.078	27°102
	72.11.12	3	0 34 43.497	28 3 26.48		
	73.10. 8	3	43.423	25.47		
	73.10.20	3	43.443	26.63		
	73.11. 4	3	43.334	26.04		
	82.12.23	3	43.600	25.23		
393	8.2	3.1768	+0.0201	+19.824	−0.079	27°103
	73.10. 8	2	0 34 46.701	27 21 23.83		
	73.11. 5	3	46.675	22.06		
	74.12.10	3	46.826	22.65		
	77.11.20	3	46.620	22.91		
394	8.9	3.1675	+0.0185	+19.823	−0.079	25° 97
	73.11. 3	3	0 34 48.502	25 12 42.03		
	75.12. 9	3	48.300	43.92		
395	9.5	3.1836	+0.0211	+19.820	−0.079	— —
	73.11.11	1	0 35 4.154	28 39 54.39		†
396	8.2	3.1739	+0.0195	+19.819	−0.079	26°103
	73.10.16	3	0 35 6.512	26 29 60.66		
	73.11.15	3	6.679	60.14		+5′
	73.12.11	3	6.807	63.46		
	74.11.10	3	6.669	63.15		
	87.11.15	7	6.589	59.97		
	87.11.16	7	6.719	61.71		
397	9.5	3.1884	+0.0218	+19.819	−0.079	— —
	79.11.29	3	0 35 7.631	29 38 48.62		†
398	9.2	3.1681	+0.0185	+19.819	−0.079	25°101
	86.11.29	7	0 35 8.918	25 8 23.93		
	86.12. 1	6	9.144	22.75		
	87.12.10	7	8.849	22.93		
	87.12.14	5	8.951	23.65		
	91.12. 4	6	8.914	24.81		
399	$8^{\mathrm{m}}.4$	$3^{\mathrm{s}}.1723$	$+0^{\mathrm{s}}.0192$	+19″.819	−0″.079	25°102
	73.12.24	3	$0^{\mathrm{h}}\,35^{\mathrm{m}}\,10^{\mathrm{s}}.333$	26° 4′ 34″.50		Z.C. δ 34″.3
	77.11.13	3	10.518	34.01		
	77.11.16	3	10.517	33.86		
	78.12.18	3	10.316	34.68		
400	9.1	3.1738	+0.0193	+19.817	−0.080	26°105
	73.10.27	3	0 35 16.929	26 20 44.09		Z.C. δ 44″.7
	73.12.11	2	17.185	45.15		
	77.11.10	3	17.100	44.98		
401	9.0	3.1911	+0.0221	+19.814	−0.080	29°121
	73.10.13	3	0 35 28.726	29 56 53.17		Z.C. δ 53″.5
	73.11.12	2	28.883	53.58		
	75.11.25	3	28.838	53.41		
	77.10.27	3	28.987	53.85		
402	9.4	3.1784	+0.0200	+19.813	−0.080	27°106
	82.12.23	3	0 35 34.332	27 11 33.80		
	90.12. 6	7	34.405	34.34		
403	9.1	3.1729	+0.0192	+19.813	−0.080	25°103
	84.11.28	7	0 35 36.814	25 57 9.50		
	84.12.15	7	36.735	7.81		
	84.12.17	7	36.761	8.31		
404	9.0	3.1853	+0.0211	+19.813	−0.080	28°110
	72.11. 6	2	0 35 36.901	28 38 17.53		
	72.11.20	3	36.766	17.31		
	73.10.23	3	36.875	15.20		
	77.11.12	3	36.898	17.18		
405	9.4	3.1849	+0.0211	+19.812	−0.080	28°109
	81.12. 5	3	0 35 38.328	28 32 35.45		†
406	8.9	3.1792	+0.0201	+19.812	−0.080	27°107
	72.11.12	3	0 35 40.183	27 16 24.98		
	73.10.20	3	39.931	24.13		
	73.11. 5	3	39.836	24.90		
	81.12.23	3	40.039	23.24		
407	9.0	3.1698	+0.0186	+19.812	−0.080	25°104
	73.11. 3	2	0 35 40.401	25 13 29.37		Z.C. δ 29″.9
	73.11.28	3	40.179	30.39		
	73.11.28	1	40.319	30.43		
	73.12.24	3	40.282	30.04		
	77.11.13	2	40.317	29.13		
408	9.3	3.1901	+0.0219	+19.811	−0.080	29°123
	79.11.29	2	0 35 43.995	29 35 22.09		
	87.12.17	7	43.896	21.94		
	89.11.25	7	43.994	22.64		
409	9.1	3.1920	+0.0222	+19.811	−0.080	29°122
	73.10. 7	3	0 35 44.517	29 57 53.53		
	73.10.13	2	44.796	52.51		
	73.11.12	2	44.774	53.01		
	75.11.25	3	44.638	54.60		
	82.12.11	3	44.568	52.29		
	84.12.18	7	44.629	53.07		
	84.12.19	7	44.561	52.93		

410 $7^m.3$ $3^s.1781$ $+0^s.0199$ $+19''.810$ $-0''.081$ 26°108

73.10.16	3	$0^h35^m49^s.786$	26° 57′ $25''.05$	
73.10.27	3	49.893	24.63	
73.11.15	3	49.922	26.15	

411 9.0 3.1748 +0.0193 +19.809 −0.081 26°109

75.12.22	3	0 35 53.832	26 10 60.49	
77.11.10	3	53.881	60.31	
78.11. 7	3	53.901	59.78	
78.12.11	3	53.931	59.73	

412 7.6 3.1906 +0.0218 +19.806 −0.081 29°125

73.10.28	3	0 36 7.399	29 25 4.21	Z.C. δ $4''.7$
75.11.15	3	7.238	5.07	
75.11.18	3	7.301	4.79	
75.12.23	3	7.330	4.80	
77.10.22	3	7.151	4.82	
89.11. 5	7	7.196	4.76	

413 9.3 3.1873 +0.0213 +19.805 −0.081 28°112

84.11.10	6	0 36 8.756	28 42 23.25	
84.11.20	6	8.744	22.93	+ 5′
87.12.19	7	8.902	23.17	

414 9.1 3.1772 +0.0195 +19.802 −0.082 26°111

73.11.15	1	0 36 21.008	26 25 43.17	
73.12.11	2	21.203	45.11	
77.12.14	3	20.981	44.43	
78.11. 7	3	21.073	43.62	
78.11.29	3	21.035	44.54	

415 9.0 3.1836 +0.0205 +19.802 −0.082 27°109

72.11.12	2	0 36 22.849	27 47 2.26	
73.10.20	2	23.065	1.66	
73.11. 5	3	22.810	3.09	
82.12.11	3	22.932	1.22	

416 9.5 3.1849 +0.0207 +19.800 −0.082 27°110

73.10. 8	2	0 36 29.938	27 58 23.80	
73.11. 4	3	29.943	25.37	
77.11.20	3	29.925	23.22	+ 6^s

417 8.7 3.1926 +0.0219 +19.799 −0.082 29°127

73.10. 7	3	0 36 36.258	29 31 32.31	
73.10.28	2	36.320	31.77	
77.10.22	3	36.209	32.31	

418 8.7 3.1784 +0.0196 +19.798 −0.082 26°112

73.10.16	3	0 36 40.087	26 30 3.93	Z.C. δ $4''.5$
74.11.10	3	40.114	5.29	
75.12.22	3	40.125	3.83	
78.11.29	2	40.072	5.01	

419 Not found on revision; not found on Oxford photograph 95.10.10: 1 interval wrong; see appendix **420ª**

420 9.4 3.1919 +0.0216 +19.794 −0.083 28°113

81.12. 5	2	0 36 58.562	29 6 2.83	

421 $8^m.6$ $3^s.1871$ $+0^s.0209$ $+19''.793$ $-0''.083$ 27°113

73.11. 5	2	$0^h37^m\ 3^s.352$	28° 5′ $38''.81$	
74.12.10	3	3.288	36.30	
79.11.17	3	3.460	37.65	
79.11.18	3	3.320	37.87	
79.12. 1	3	3.384	37.86	
79.12. 4	3	3.494	36.51	
79.12.22	3	3.531	37.50	
80.12.16	3	3.301	37.98	
81.11.22	3	3.512	38.64	
81.11.23	3	3.479	37.87	
81.11.29	3	3.423	37.68	
81.12. 7	3	3.402	37.40	
81.12.21	3	3.413	37.46	
81.12.22	3	3.402	38.13	

422 8.7 3.1989 +0.0225 +19.787 −0.084 30°105

73.10. 7	2	0 37 26.835	30 12 55.23	
73.10.13	3	26.723	56.32	
75.11.15	3	26.832	56.47	
75.12.23	3	26.784	56.14	
77.10.27	3	26.748	56.34	

423 9.0 3.1906 +0.0212 +19.787 −0.084 28°114

72.11. 6	3	0 37 28.937	28 31 57.77	
72.11.20	3	28.880	58.43	
73.10.23	3	28.978	56.55	
73.11.24	3	28.994	58.06	
77.12.10	3	29.020	58.65	

424 9.5 3.1910 +0.0212 +19.784 −0.084 — —

73.10.23	3	0 37 38.727	28 30 28.44	†

425 9.2 3.1957 +0.0219 +19.783 −0.085 29°128

85.11.17	5	0 37 45.649	29 23 50.42	
85.11.19	7	45.705	51.66	
85.12. 1	5	45.781	51.59	

426 8.5 3.1802 +0.0194 +19.780 −0.085 25°110

73.11. 3	3	0 37 57.556	26 5 12.44	Z.C. δ $12''.7$
73.11.28	3	57.421	12.37	
73.12.24	3	57.325	13.51	
75.12. 9	1	57.316	12.95	
77.11.13	3	57.489	11.87	+ 1′
77.11.16	3	57.428	13.06	
78.12.18	3	57.572	12.84	

427 9.0 3.1749 +0.0186 +19.779 −0.085 24°107

73.11. 3	2	0 38 0.629	24 56 42.75	
73.11.28	1	0.701	43.77	
73.12.24	2	0.539	42.95	

428 9.5 3.1928 +0.0213 +19.779 −0.085 28°116

84.11.20	4	0 38 0.986	28 38 10.70	Z.C. δ $10''.8$
87.11.15	5	0.928	9.96	
87.12. 7	7	1.019	11.80	

429 9.0 3.1996 +0.0224 +19.778 −0.086 29°130

73.10.13	2	0 38 5.574	29 55 35.68	
73.10.28	3	5.433	37.36	
73.11.12	3	5.564	36.60	
75.11.25	3	5.290	35.95	

430	$9^m.2$	$3^s.1855$	$+0^s.0201$	+19″.774	−0″.086	26°118
82.12.11	3	$0^h 38^m 21^s.429$		26° 57′ 20″.15		
84.11.28	7	21.555		21.18		
84.12.15	7	21.468		20.87		
84.12.17	7	21.333		20.98		
431	9.1	3.1941	+0.0214	+19.774	−0.086	28°117
84.12.18	7	0 38 23.282		28 40 2.04		
84.12.19	6	23.299		2.27		
87.12. 9	5	23.222		1.96		
432	9.3	3.1931	+0.0212	+19.771	−0.086	28°118
85.12. 7	7	0 38 34.324		28 22 31.96		
85.12.10	5	34.635		31.03		
87.12.10	6	34.540		31.23		
87.12.14	7	34.499		31.82		
433	9.0	3.1909	+0.0208	+19.771	−0.086	27°116
73.11. 4	2	0 38 35.605		27 54 8.97		Z.C. δ 8″.2
77.11.20	3	35.567		7.43		
434	8.4	3.1880	+0.0204	+19.770	−0.086	27°117
73.11. 5	2	0 38 38.205		27 16 44.74		
74.12.10	3	38.314		45.93		
435	9.0	3.1911	+0.0208	+19.770	−0.086	— —
73.11. 4	2	0 38 38.494		27 54 39.46		Z.C. δ 39″.0
77.11.20	3	38.667		38.46		
436	9.5	3.1928	+0.0210	+19.768	−0.087	— —
81.12. 7	2	0 38 47.305		28 10 22.96		†
Not found on revision 97.12.15, but shewn on Oxford photographs 94.11.19 and 95.11.14,						
437	8.5	3.1972	+0.0217	+19.768	−0.087	28°119
72.11. 6	3	0 38 48.317		29 2 38.21		Z.C. δ 37″.5
78.11. 1	3	48.511		37.86		
89.11.12	5	48.425		36.48		
438	8.4	3.2009	+0.0222	+19.766	−0.088	29°132
73.10. 7	2	0 38 55.498		29 39 8.04		$+10^s$
73.10.13	1	55.565		8.84		Z.C. α $55^s.55$
73.11.12	3	55.593		8.98		
79.11.29	3	55.451		9.03		
91.12.19	7	55.658		8.95		
439	8.3	3.1950	+0.0213	+19.766	−0.087	28°121
72.11.20	3	0 38 55.843		28 30 20.60		
73.10.23	3	56.029		19.31		
78.12. 9	3	55.940		19.99		
440	9.2	3.1959	+0.0214	+19.765	−0.087	28°120
86.11.16	5	0 38 57.818		28 40 21.67		
86.11.23	5	57.856		25.46		
89.11.27	5	57.757		24.04		
441	8.5	3.1966	+0.0215	+19.765	−0.087	28°122
78.12. 9	2	0 38 58.575		28 48 27.74		Z.C. δ 29″.5
79.11.17	3	58.713		28.71		
79.11.18	3	58.702		29.72		
79.12. 4	3	58.746		29.08		
79.12.22	3	58.713		29.14		
81.11.22	3	58.648		33.09		
81.11.23	3	58.774		29.37		
81.12.21	3	58.746		29.09		
442	$9^m.1$	$3^s.1786$	$+0^s.0188$	+19″.765	−0″.087	25°111
75.12. 9	1	$0^h 38^m 59^s.735$		25° 9′ 37″.21		− 1 int.
77.11.13	3	59.817		36.26		
78.12.11	3	59.863		36.16		
443	9.5	3.1911	+0.0207	+19.764	−0.087	27°118
73.10. 8	3	0 39 2.367		27 40 40.49		
90.12. 6	7	2.567		38.41		
444	7.0	3.1807	+0.0191	+19.763	−0.087	25°112
73.11. 3	2	0 39 7.683		25 29 19.73		
73.11.28	1	7.624		20.45		
73.12.24	2	7.443		20.48		
445	9.5	3.1941	+0.0211	+19.762	−0.087	28°123
79.12. 1	3	0 39 9.556		28 11 43.01		†Z.C. δ 43″.0
95. 9.19	7	9.300		43.19		
95. 9.20	7	9.470		43.90		
95.11.14	7	9.309		43.02		
446	9.5	3.1932	+0.0209	+19.762	−0.087	27°119
73.10.20	3	0 39 11.402		27 59 33.91		†
447	9.3	3.1869	+0.0199	+19.760	−0.088	26°120
87.12.17	5	0 39 19.530		26 39 45.27		†
448	9.4	3.2007	+0.0218	+19.755	−0.089	29°133
81.11.22	3	0 39 38.884		29 10 59.29		
81.12. 5	3	39.145		58.88		
449	9.4	3.2010	+0.0219	+19.754	−0.089	— —
73.11.12	2	0 39 40.681		29 13 25.63		
79.12.10	3	40.666		24.71		
450	7.8	3.2067	+0.0227	+19.754	−0.090	30°113
81.11.23	3	0 39 41.956		30 15 38.40		Z.C. δ 38″.1
81.12. 7	3	41.952		38.43		
83.11. 9	3	41.692		37.53		
83.11.19	3	41.910		38.05		
451	9.0	3.1981	+0.0214	+19.754	−0·089	28°124
78.11. 1	3	0 39 42.766		28 37 57.03		
79.11.17	2	42.911		56.40		
79.12. 1	3	42.834		56.58		
452	8.0	3.2068	+0.0227	+19.753	−0.089	30°114
83.11. 9	2	0 39 44.680		30 16 5.91		Z.C. δ 5″.9
83.11.19	2	44.754		5.98		
453	9.3	3.1988	+0.0215	+19.753	−0.090	28°125
82.12.11	3	0 39 46.669		28 42 40.81		†
454	9.5	3.2039	+0.0222	+19.751	−0.090	— —
83.11.21	7	0 39 55.578		29 35 39.68		†
455	8.9	3.1835	+0.0191	+19.744	−0.090	25°115
73.11. 3	2	0 40 21.963		25 23 41.93		Z.C. δ 41″.6
73.11.28	1	21.751		42.07		
77.11.13	3	21.815		40.83		
456	9.5	3.2056	+0.0222	+19.743	−0.091	29°135
73.10.13	3	0 40 23.400		29 37 23.19		
93.11.28	7	23.149		24.37		

457	$8^{\mathrm{m}}6$	$3^{\mathrm{s}}1971$	$+0^{\mathrm{s}}0210$	$+19''743$	$-0''090$	27°121
	86.12.20	5	$0^{\mathrm{h}}40^{\mathrm{m}}24^{\mathrm{s}}788$	28° 2′ 32″44		
	92.11. 1	4	24.563	32.81		
458	9.5	3.1909	+0.0201	+19.742	−0.090	26°123
	73.10.16	3	0 40 30.396	26 46 35.78		Z.C. δ 34″9
	73.10.27	3	30.377	33.61		
	78.11.29	2	30.845	35.40		*
459	9.2	3.1855	+0.0192	+19.738	−0.090	25°116
	73.12.24	1	0 40 44.768	25 35 7.53		
	78.12.11	3	44.781	7.27		
	78.12.18	2	44.917	8.15		
460	9.0	3.1902	+0.0198	+19.737	−0.091	26°124
	73.10.16	3	0 40 47.706	26 27 39.81		Z.C. δ 40″4
	73.10.27	3	48.016	39.84		
	78.11. 7	2	48.116	41.44		
461	9.0	3.2027	+0.0217	+19.736	−0.092	28°128
	73.10.23	3	0 40 51.096	28 50 18.62		
	78.12. 9	3	51.065	18.59		
462	9.4	3.1983	+0.0210	+19.736	−0.091	27°122
	73.11. 5	2	0 40 52.461	27 59 28.96		
	79.11.17	3	52.433	28.81		
	79.12.22	3	52.634	29.38		
	81.12. 5	2	52.697	28.95		
463	8.6	3.1856	+0.0192	+19.736	−0.091	25°117
	77.11.13	3	0 40 52.617	25 32 17.41		Z.C. δ 17″8
	78.12.18	2	52.706	18.20		
464	8.8	3.1991	+0.0211	+19.735	−0.091	28°129
	82.12.11	3	0 40 56.761	28 6 28.87		Z.C. δ 29″5
	83.11. 6	7	56.539	29.52		
	83.11.20	3	56.566	29.90		
	86.11.16	7	56.721	29.57		
465	9.0	3.1942	+0.0204	+19.735	−0.091	27°123
	73.10. 8	3	0 40 58.710	27 10 22.58		
	73.11. 5	2	58.745	22.50		
	79.11.29	3	58.774	21.79		
	79.12. 1	2	58.719	22.44		
466	9.0	3.2003	+0.0212	+19.734	−0.091	28°130
	79.12. 3	2	0 40 59.971	28 18 18.99		Z.C. δ 20″1
	83.11.20	1	59.679	20.78		
	88.11.26	7	59.745	20.50		$-0^{\mathrm{s}}1$
467	7.1	3.1865	+0.0192	+19.733	−0.091	25°118
	73.12.24	2	0 41 4.249	25 36 29.68		+ 1′
	75.12. 9	3	4.257	29.83		Z.C. δ 29″ 6
	78.10.29	3	4.295	29.51		
	78.12.11	2	4.288	29.11		
	78.12.18	1	4.433	30.05		*
468	7.6	3.1906	+0.0198	+19.733	−0.091	26°126
	78.11.29	3	0 41 4.728	26 24 51.09		Z.C. δ 51″0
	83.11.19	2	4.885	50.83		
469	9.3	3.2012	+0.0212	+19.728	−0.092	— —
	83.11.12	7	0 41.23.942	28 15 6.32		†
470	$8^{\mathrm{m}}6$	$3^{\mathrm{s}}1837$	$+0^{\mathrm{s}}0187$	$+19''727$	$-0''092$	24°118
	87.12.17	7	$0^{\mathrm{h}}41^{\mathrm{m}}27^{\mathrm{s}}349$	24° 52′ 1″80		
	91.12.11	5	27.330	2.39		
	91.12.17	7	27.561	0.07		
	91.12.22	5	27.564	2.27		
471	9.3	3.2108	+0.0226	+19.726	−0.093	29°136
	93.11. 9	7	0 41 30.210	29 54 49.83		
	93.11.22	7	30.006	46.88		
472	8.5	3.2112	+0.0227	+19.726	−0.093	29°137
	73.10. 7	2	0 41 30.731	29 58 58.68		
	73.11.12	3	30.826	58.81		+ 1′
	75.11.25	3	30.566	59.14		
473	8.8	3.2007	+0.0211	+19.725	−0.093	27°124
	73.10. 8	3	0 41 34.917	28 2 30.25		Z.C. δ 29″7
	73.10.20	2	34.737	28.44		*
	78.11. 1	3	34.949	30.45		
474	9.5	3.2129	+0.0228	+19.724	−0.093	30°119
	73.10.13	2	0 41 37.527	30 12 51.07		Z.C. δ 51″0
	73.11.12	1	37.597	52.07		
	78.12. 9	2	37.488	49.84		
475	9.5	3.1976	+0.0206	+19.720	−0.093	27°125
	79.11.17	3	0 41 55.290	27 15 13.32		
	81.11.22	3	55.323	12.44		
476	8.9	3.2017	+0.0209	+19.712	−0.095	27°126
	73.11. 5	3	0 42 25.461	27 44 52.98		Z.C. δ 53″4
	77.11.20	2	25.421	53.55		
	78.11. 1	3	25.602	53.60		
477	7.5	3.2034	+0.0211	+19.711	−0.095	27°127
	73.10. 8	3	0 42 27.841	28 2 14.89		
	79.12. 1	3	27.564	14.18		
	79.12.22	3	27.590	14.58		
	80.12.16	3	27.656	14.01		§
	81.12. 5	3	27.606	14.59		
	81.12. 7	2	27.573	15.70		
478	9.2	3.1924	+0.0196	+19.709	−0.094	25°122
	86.12.18	5	0 42 33.354	25 56 11.50		
	86.12.20	5	33.511	10.89		
479	9.0	3.1909	+0.0194	+19.709	−0.094	25°123
	73.11. 3	3	0 42 34.085	25 40 28.96		
	73.11.28	3	33.918	29.40		
	73.12.24	3	33.915	29.24		
480	9.3	3.2011	+0.0208	+19.709	−0.095	27°128
	82.12.11	2	0 42 35.145	27 33 18.89		†
481	9.1	3.2158	+0.0227	+19.706	−0.095	29°138
	87.12. 9	2	0 42 44.876	30 3 33.51		†
482	9.5	3.2084	+0.0216	+19.703	−0.096	— —
	73.10.23	3	0 42 56.980	28 39 51.66		†
483	9.0	3.1887	+0.0189	+19.703	−0.095	24°121
	73.11. 3	2	0 42 57.601	25 3 49.87		
	73.12.24	1	57.625	51.06		
	77.11.13	3	57.498	50.59		

484	$8^m.3$	$3^s.2148$	$+0^s.0225$	$+19''.702$	$-0''.096$	29°139
	75.11.18	3	$0^h 43^m 1^s.215$	$29° 45' 16''.91$		
	75.11.25	3	0.997	17.42		
	75.12.23	1	1.290	17.05		
485	9.4	3.2152	+0.0225	+19.702	−0.096	29°140
	73.10. 7	2	0 43 2.436	29 47 34.89		
	73.10.13	3	2.500	33.94		
	77.10.27	3	2.445	36.46		
486	7.5	3.2153	+0.0225	+19.700	−0.096	29°141
	73.10. 7	3	0 43 6.866	29 46 9.60		
	73.10.28	3	7.090	10.12		
	73.11.12	2	7.095	9.28		
	75.11.15	2	7.053	9.38		
	75.11.25	3	6.857	10.50		
	75.12.23	2	7.020	10.43		
	77.10.22	3	6.988	10.29		
487	5.7	3.2000	+0.0204	+19.699	−0.095	26°131
	73.10.16	3	0 43 10.395	27 1 45.75		d.n.p.
	73.10.16	2	10.725	43.45		d.s f.
	73.10.27	3	10.743	44.32		d.m.
	73.12.11	3	10.842	45.94		d.m.
	77.12.14	3	10.567	46.01		d.n.p.
488	9.0	3.1958	+0.0199	+19.699	−0.095	26°132
	74.11.10	2	0 43 12.600	26 14 28.30		
	75.12.17	1	12.591	27.86		
	75.12.22	3	12.765	28.00		
	77.11.10	3	12.975	28.69		
	79.11.17	3	12.887	28.22		
	79.11.18	2	12.735	27.98		
	79.12. 2	3	12.958	27.44		
489	9.5	3.1962	+0.0199	+19.697	−0.096	26°133
	74.11.10	1	0 43 18.909	26 15 36.23		
	78.11.29	3	18.876	39.26		
	79.11.18	2	18.973	37.28		
	79.12.22	3	18.958	38.29		
490	9.4	3.2041	+0.0210	+19.697	−0.097	27°131
	73.11. 4	3	0 43 19.516	27 41 12.23		Z.C. α $19^s.72$
	73.11. 5	2	19.890	10.23		
	78.11. 1	2	19.739	10.73		
491	9.5	3.1957	+0.0198	+19.696	−0.096	26°134
	80.12.18	3	0 43 22.304	26 9 3.69		Z.C. δ $3''.2$
	81.12.21	2	22.392	2.78		
492	9.0	3.1884	+0.0188	+19.696	−0.096	24°122
	82.12.23	3	0 43 23.130	24 47 40.88		
	84.12.18	7	23.004	37.94		
	84.12.19	7	23.171	39.13		
493	7.6	3.2047	+0.0210	+19.695	−0.097	27°132
	73.10.20	3	0 43 32.970	27 41 17.25		Z.C. δ $16''.9$
	74.12.10	3	32.848	16.74		-1^m
	77.11.20	2	32.777	16.81		
494	9.3	3.2150	+0.0222	+19.687	−0.098	29°142
	86.11.16	7	0 43 55.210	29 16 59.69		
	87.12. 7	7	55.028	60.98		
	87.12.14	7	55.213	60.73		
495	$8^m.9$	$3^s.2133$	$+0^s.0220$	$+19''.686$	$-0''.098$	28°134
	73.11.11	2	$0^h 43^m 57^s.745$	$28° 57' 3''.71$		Z.C. δ $3''.2$
	77.11.12	3	57.788	4.06		
	78.12. 9	3	57.831	1.77		$-1'$
496	9.0	3.2111	+0.0216	+19.686	−0.098	28°132
	72.11. 6	3	0 43 57.722	28 33 32.27		
	72.11.20	3	57.765	33.78		
	73.11.24	3	57.895	33.13		
497	9.0	3.2138	+0.0220	+19.686	−0.098	28°133
	73.11.11	3	0 43 57.956	29 2 4.41		
	77.12.10	2	58.144	6.30		
	78.12.19	3	57.944	6.23		
498	7.4	3.1906	+0.0189	+19.686	−0.097	24°123
	84.12.15	7	0 43 58.487	24 54 15.14		
	84.12.17	7	58.441	15.06		
	88.10.30	5	58.486	14.73		
499	9.1	3.2147	+0.0220	+19.681	−0.099	28°135
	72.10. 6	3	0 44 15.739	29 2 5.95		Z.C. δ $6''.2$
	73.10.24	2	15.649	6.10		
	77.12.10	2	15.802	5.59		
	78.12.19	2	15.676	7.10		
500	9.4	3.2105	+0.0215	+19.681	−0.099	28°136
	82.12.11	3	0 44 16.732	28 18 56.13		
	85.12.10	5	16.481	56.57		
	88.11. 6	5	16.413	57.13		
501	9.4	3.2174	+0.0224	+19.681	−0.099	29°143
	73.10.28	1	0 44 18.251	29 28 27.39		*
	77.10.27	3	17.937	28.35		
502	9.0	3.2134	+0.0218	+19.680	−0.099	28°137
	72.11.20	2	0 44 20.339	28 46 33.37		
	73.10.23	1	20.302	33.05		
	79.11.17	3	20.294	34.19		
	79.12. 1	3	20.351	32.99		
	79.12. 2	1	20.561	32.37		
	79.12. 4	3	20.279	32.94		
	79.12.10	3	20.310	30.96		
	79.12.22	3	20.280	32.61		
	80.12.16	3	20.234	33.70		§
	81.11.22	3	20.294	32.95		
	81.12. 5	3	20.187	33.62		
	81.12.22	3	20.316	33.41		
503	9.5	3.2075	+0.0210	+19.680	−0.099	27°133
	73.10. 8	3	0 44 21.896	27 44 0.43		
	90.12. 6	5	21.806	0.44		
504	9.3	3.2102	+0.0214	+19.679	−0.099	28°138
	86.12.20	5	0 44 24.963	28 11 42.31		
	87.12.16	5	24.700	42.13		
	88.11. 9	5	24.934	41.08		n.f. of 2
505	9.0	3.1968	+0.0196	+19.678	−0.098	25°124
	73.11.28	3	0 44 27.715	25 47 53.62		Z.C. δ $53''.7$
	73.12.24	2	27.840	55.19		
	77.11.13	3	27.784	52.66		
	78.11. 7	3	27.782	53.90		
	78.12.11	3	27.726	52.96		
	78.12.18	3	27.721	54.05		

506 Not found on revision: not found on Oxford photograph 98.10.31, which shews a star 5′ N: see 506$^{\mathrm{a}}$

506$^{\mathrm{a}}$	9$^{\mathrm{m}}$5	3$^{\mathrm{s}}$2131	+0$^{\mathrm{s}}$0218	+19″678	−0″099	— —
	73.10.23	3	0$^{\mathrm{h}}$44$^{\mathrm{m}}$28$^{\mathrm{s}}$632	28′ 38° 55″60		+ 5′
507	9.0	3.2022	+0.0203	+19.675	−0.099	26°137
	73.10.27	3	0 44 37.493	26 40 35.56		
	73.12.11	3	37.724	39.49		
	75.12.22	3	37.528	36.31		
	77.12.14	3	37.653	38.14		
508	9.3	3.1983	+0.0198	+19.675	−0.099	25°126
	77.11.16	3	0 44 39.877	25 56 52.74		Z.C. δ 53″3
	86.12.18	5	40.134	53.48		
	87.12.17	5	39.818	53.19		
	88.11.13	6	40.002	53.78		
509	9.2	3.2187	+0.0225	+19.674	−0.099	29°144
	73.10. 7	3	0 44 41.251	29 28 53.49		
	73.10.13	3	41.273	53.75		
	73.11.12	3	41.323	54.68		
	75.12.23	3	41.308	55.18		
	77.10.22	3	41.282	55.50		
	77.10.27	2	41.238	54.75		
	77.11. 9	3	41.133	55.21		
510	8.2	3.2063	+0.0206	+19.666	−0.100	26°138
	73.10.16	3	0 45 11.410	27 5 54.48		
	73.10.27	3	11.496	54.58		
	74.11.10	3	11.586	55.75		
	80.12.11	3	11.581	54.35		
	80.12.11	2	11.601	54.39		
511	9.3	3.2112	+0.0212	+19.664	−0.101	— —
	89.11. 2	7	0 45 18.731	27 52 42.83		
	91.12.11	4	18.666	41.57		
512	9.4	3.2101	+0.0210	+19.661	−0.101	27°135
	73.10. 8	3	0 45 28.130	27 37 4.24		
	73.10.20	3	28.044	2.50		
	73.11. 4	3	28.026	5.25		
	73.11. 5	3	27.880	2.64		
	77.11.20	2	27.750	3.24		
513	9.5	3.1964	+0.0193	+19.660	−0.101	25°127
	73.11. 3	2	0 45 30.232	25 12 22.41		
	73.11.28	3	30.088	22.73		
	73.12.24	2	30.248	22.86		
514	9.3	3.2120	+0.0214	+19.660	−0.101	27°134
	86.11.30	5	0 45 30.347	27 56 6.09		
	88.11.26	7	30.245	7.64		
515	9.4	3.2016	+0.0199	+19.660	−0.101	26°139
	73.12.11	3	0 45 31.344	26 7 18.74		Z.C. δ 18″5
	75.12.22	3	31.327	18.12		
	77.11.10	3	31.313	19.15		
	77.12.14	3	31.356	18.09		
516	9.0	3.1957	+0.0191	+19.659	−0.101	24°127
	78.12.18	1	0 45 33.141	25 4 37.43		
	82.12.23	3	33.268	37.57		
	86.12.23	5	33.360	38.73		
	87.12.19	7	33.199	38.64		
	88.12. 6	7	33.217	37.93		
517	9$^{\mathrm{m}}$5	3$^{\mathrm{s}}$1968	+0$^{\mathrm{s}}$0193	+19″659	−0″101	25°129
	81.12.23	3	0$^{\mathrm{h}}$ 45$^{\mathrm{m}}$33$^{\mathrm{s}}$777	25° 15′ 44″05		†
518	9.3	3.2086	+0.0208	+19.659	−0.101	27°136
	87.12. 9	5	0 45 34.181	27 18 16.31		
	88.11.20	7	34.333	16.36		
	89.11. 5	7	34.025	16.61		
	89.11.25	1	34.177	15.11		
519	9.0	3.2182	+0.0222	+19.658	−0.101	28°139
	72.11. 6	3	0 45 36.462	28 54 52.54		
	73.11.24	3	36.456	51.33		
520	9.1	3.2035	+0.0202	+19.657	−0.101	26°141
	82.12.11	3	0 45 41.043	26 22 29.86		
	88.12.13	5	41.121	30.68		
	89.11. 6	7	40.988	30.70		
521	7.5	3.1963	+0.0192	+19.657	−0.101	24°128
	73.11. 3	2	0 45 41.442	25 6 0.28		Z.C. α 41$^{\mathrm{s}}$49
	77.11.13	3	41.411	0.09		
	78.11. 7	3	41.484	0.13		
	78.12.18	3	41.388	0.60		
	82.12.23	3	41.598	0.25		
	84.12.18	7	41.509	0.76		
	84.12.19	7	41.526	0.68		
	88.10.30	5	41.562	1.68		
522	8.2	3.2010	+0.0198	+19.655	−0.102	25°131
	77.11.13	2	0 45 48.039	25 53 25.87		
	78.11.29	3	48.166	27.10		
	78.12.11	3	48.256	26.56		
523	9.5	3.2194	+0.0222	+19.653	−0.102	28°140
	72.11.20	3	0 45 55.774	28 56 22.94		†
524	8.4	3.2255	+0.0230	+19.653	−0.102	29°145
	73.10.13	3	0 45 56.719	29 55 30.82		
	73.10.28	3	57.055	30.39		
	73.11.12	3	56.996	30.11		
	78.12. 9	3	56.898	28.62		
525	9.3	3.2056	+0.0203	+19.651	−0.102	26°142
	73.10.27	3	0 46 3.702	26 32 43.37		
	85.12. 1	5	3.678	44.51		
	85.12. 4	7	3.768	44.32		
	85.12. 7	7	3.854	43.45		
	86.12.16	5	4.025	46.19		
	86.12.18	3	4.186	41.68		
526	8.8	3.2169	+0.0217	+19.649	−0.102	28°141
	73.11.11	3	0 46 10.341	28 23 42.89		
	74.12.14	3	10.413	44.30		
	77.11.12	3	10.287	44.66		
	77.12.10	3	10.629	45.20		
	84.11.10	6	10.472	43.58		
	84.11.20	6	10.351	43.17		
	84.11.28	7	10.383	43.78		
	84.12. 9	6	10.399	42.56		
527	7.5	3.2253	+0.0228	+19.645	−0.103	29°147
	73.10. 7	3	0 46 22.729	29 40 10.73		Z.C. δ 10″6
	73.10.13	2	22.690	9.58		
	75.11.15	3	22.581	10.09		
	75.11.18	3	22.653	10.64		
	75.12.23	3	22.720	11.47		
	77.10.22	3	22.596	10.35		
	77.10.27	3	22.811	11.32		
	77.11. 9	3	22.493	10.76		

528	9$^{\mathrm{m}}$.3	3$^{\mathrm{s}}$.2123	+0$^{\mathrm{s}}$.0210	+19″.640	−0″.103	27°140
79.12. 3	1	0$^{\mathrm{h}}$46$^{\mathrm{m}}$40$^{\mathrm{s}}$.712		27° 23′ 25″.60		Z.C. δ 24″.8
80.12.18	3	40.683		24.93		
85.12.10	.5	40.616		23.81		
86.11.29	5	40.708		24.94		
88.11. 6	5	40.789		24.70		
529	9.4	3.2048	+0.0200	+19.640	−0.103	26°144
88.11.13	4	0 46 41.248		26 7 30.08		§ †
89.11.12	7	41.259		29.98		
530	9.0	3.2076	+0.0203	+19.637	−0.104	26°145
73.10.16	3	0 46 49.172		26 31 4.83		Z.C. δ 5″.4
73.12.11	3	49.236		6.57		
74.11.10	3	49.119		4.57		
77.11.10	3	49.262		5.45		
77.12.14	3	49.193		5.76		
531	7.7	3.2190	+0.0218	+19.636	−0.104	28°143
72.11. 6	3	0 46 52.091		28 24 3.05		
73.10.23	2	51.975		1.29		
73.11.11	3	51.912		0.89		
74.12.14	3	51.939		2.35		
77.11.12	3	52.045		3.00		
78.12.19	3	52.111		2.46		
84.12.15	7	52.026		2.93		
84.12.17	7	51.916		3.82		
87.12.17	5	51.999		3.53		
532	9.3	3.2133	+0.0210	+19.636	−0.104	27°141
86.11.16	7	0 46 52.548		27 27 5.18		
87.12. 7	5	52.664		6.89		
533	7.5	3.2216	+0.0221	+19.636	−0.104	28°144
72.11.20	2	0 46 52.635		28 48 41.05		
73.11.24	3	52.594		40.00		
74.12.19	3	52.704		42.90		
77.12.10	1	52.738		40.21		
81.12.23	1	52.660		38.56		
86.12.20	5	52.552		40.93		
89.11. 7	7	52.601		40.87		
534	9.0	3.2139	+0.0211	+19.636	−0.104	27°142
73.10. 8	3	0 46 53.164		27 32 6.45		Z.C. Ep. 74.0
73.10.20	3	53.056		6.98		
73.11. 4	3	53.087		7.33		
73.11. 5	3	52.900		7.14		
74.12.10	3	53.056		5.50		
535	8.7	3.2121	+0.0209	+19.636	−0.104	27°143
77.11.20	3	0 46 53.489		27 13 52.42		
78.11. 1	3	53.860		52.33		
79.11.17	3	53.772		51.65		
79.11.18	3	53.769		52.00		
79.12. 1	3	53.684		52.39		
79.12. 2	3	53.793		50.59		
79.12. 4	3	54.062		51.66		
79.12.10	3	53.917		51.53		
79.12.22	3	53.786		52.92		
80.12.16	3	53.743		51.49		§
81.11.22	3	53.851		51.40		
81.11.23	3	53.873		51.08		
81.11.29	3	53.682		51.51		
81.12. 5	3	53.745		51.53		
81.12. 7	3	53.683		51.59		
81.12.21	3	53.720		52.22		
81.12.22	3	53.738		51.41		
536	9$^{\mathrm{m}}$.5	3$^{\mathrm{s}}$.1995	+0$^{\mathrm{s}}$.0192	+19″.633	−0″.104	24°131
73.11.28	3	0$^{\mathrm{h}}$47$^{\mathrm{m}}$ 3$^{\mathrm{s}}$.373		25° 1′ 59″.82		†
537	7.6	3.2166	+0.0214	+19.632	−0.104	27°144
73.10.20	2	0 47 5.699		27 52 44.75		
73.11. 4	1	5.329		46.59		
73.11. 5	1	5.743		44.49		
79.11.17	2	5.783		45.33		
79.11.18	2	5.750		46.14		
79.12. 2	2	5.694		46.01		
79.12.22	3	5.760		46.33		
538	9.2	3.2118	+0.0207	+19.626	−0.105	26°146
82.12.11	3	0 47 25.507		26 55 28.91		
86.11.30	5	25.471		30.69		
87.12.10	5	25.372		30.26		
87.12.14	5	25.608		30.23		
539	8.1	3.2013	+0.0193	+19.621	−0.105	24°136
73.11. 3	2	0 47 42.512		25 2 13.66		Z.C. δ 13″.8
73.11.28	3	42.302		14.80		
73.12.24	3	42.469		13.53		
77.11.13	3	42.357		12.79		
78.11. 7	3	42.356		13.75		
78.12.18	3	42.353		14.38		
540	9.3	3.2318	+0.0230	+19.616	−0.106	29°149
73.10.13	3	0 47 59.187		29 51 25.24		Z.C. δ 25″.6
73.10.28	3	59.058		26.20		
73.11.12	3	59.118		25.71		
75.12.23	3	58.939		26.91		
77.10.27	3	58.921		26.15		
78.12. 9	2	59.230		23.53		
541	8.5	3.2222	+0.0217	+19.615	−0.106	28°149
72.11. 6	3	0 48 3.913		28 18 36.11		
73.10.23	2	3.957		33.83		
73.11.24	3	3.907		34.44		
74.12.19	3	4.012		35.51		
77.11.12	3	3.903		35.42		
78.12.19	3	4.040		36.13		
82.12.23	3	3.929		36.25		
87.12. 9	5	4.087		37.01		
88.10.30	5	3.946		36.81		
542	9.0	3.2219	+0.0217	+19.614	−0.106	28°150
84.11.10	7	0 48 5.257		28 15 15.40		
84.11.20	5	5.364		14.05		
84.11.28	5	5.416		15.11		
84.12. 9	3	5.318		13.54		
543	8.7	3.2180	+0.0211	+19.609	−0.107	27°146
73.10. 8	3	0 48 23.289		27 29 26.83		c.d.m.
73.11. 5	1	23.291		23.46		Z.C. δ 25″.9
77.11.20	3	23.390		27.12		
80.12.11	3	23.385		26.15		
544	9.0	3.2151	+0.0207	+19.607	−0.107	26°148
73.10.16	3	0 48 28.059		26 57 45.56		
73.10.27	3	28.009		45.16		
73.12.11	3	28.157		46.14		
75.12.22	3	28.052		46.75		
77.11.10	3	28.241		46.34		
77.12.14	3	28.008		46.97		

545	$7^{m}.7$	$3^{s}.2346$	$+0^{s}.0232$	$+19''.605$	$-0''.107$	29°150
73.10. 7	3	$0^{h}48^{m}36^{s}.641$	29° 58′ 58″.80			
73.10.13	3	36.650	58.15			
73.11.12	3	36.829	58.91			
75.11.15	3	36.707	59.30			
75.12.23	3	36.670	59.79			
77.10.27	3	36.647	60.01			
77.11. 9	3	36.547	60.56			
84.12.18	6	36.625	59.61			
84.12.19	7	36.659	59.08			
88.11.26	7	36.735	60.67			
546	7.8	3.2213	+0.0215	+19.604	−0.107	27°148
73.10. 8	1	0 48 40.511	27 52 58.03			-10^{s}.
73.10.20	3	40.522	57.04			
73.11. 4	3	40.400	59.13			
547	8.5	3.2085	+0.0199	+19.601	−0.108	25°135
73.11.28	3	0 48 49.477	25 43 29.96			Z.C. δ 30″.2
73.12.24	3	49.454	30.60			
73.12.24	3	49.634	31.01			
77.11.13	2	49.502	29.04			
548	9.3	3.2305	+0.0225	+19.597	−0.108	29°151
82.12.11	3	0 49 1.359	29 8 23.86			
82.12.23	3	1.237	25.33			
88.12. 6	5	1.120	26.46			
549	9.3	3.2280	+0.0222	+19.596	−0.108	28°152
86.11.29	7	0 49 4.702	28 43 42.33			
87.12. 7	5	4.753	41.44			
87.12.17	7	4.815	42.90			
550	9.0	3.2151	+0.0205	+19.594	−0.108	26°149
73.10.16	3	0 49 10.379	26 38 54.23			
73.10.27	3	10.598	53.88			
73.12.11	3	10.871	55.02			
77.12.14	3	10.628	54.82			
81.12.23	3	10.645	54.60			
551	6.0	3.2146	+0.0205	+19.593	−0.109	26°151
74.11.10	3	0 49 15.291	26 31 52.31			Z.C. δ 51″.7
75.12.22	1	15.211	51.60			-10^{s}. *
77.11.10	2	15.493	51.94			
77.12.14	1	15.134	50.75			*
552	8.7	3.2312	+0.0225	+19.592	−0.109	28°153
73.10.28	3	0 49 19.486	29 6 7.90			Z.C. α $19^{s}.42$
73.11.12	3	19.463	8.67			
77.10.22	3	19.425	6.78			
84.12.15	7	19.377	6.93			
84.12.17	7	19.358	8.03			
553	9.3	3.2247	+0.0216	+19.589	−0.109	27°150
92.11. 3	2	0 49 27.345	28 2 16.26			
92.12. 5	2	27.493	17.18			
554	9.0	3.2379	+0.0232	+19.589	−0.109	29°153
86.11.30	5	0 49 27.702	30 3 16.16			
87.12.10	7	27.490	16.40			
87.12.14	6	27.816	15.55			
89.11. 2	7	27.554	15.94			
555	$8^{m}.6$	$3^{s}.2278$	$+0^{s}.0220$	$+19''.588$	$-0''.109$	28°154
73.11.11	3	$0^{h}49^{m}31^{s}.021$	28° 28′ 57″.05			
73.11.24	3	30.898	57.57			
74.12.14	3	31.033	58:00			
77.11.12	3	31.035	57.93			
78.12.19	3	31.111	58.55			
86.11.23	5	31.038	60.62			
89.11. 5	7	30.879	57.78			
556	9.0	3.2329	+0.0226	+19.588	−0.109	29°154
73.10. 7	3	0 49 31.679	29 15.39.72			
73.10.28	2	31.437	41.07			*
78.12. 9	3	31.619	38.85			
557	8.9	3.2356	+0.0229	+19.585	−0.110	29°155
75.11.15	3	0 49 41.351	29 35 17.07			
75.12.23	3	41.208	16.85			
77.10.27	2	41.162	17.14			
77.11. 9	2	41.150	17.53			
79.11.18	3	41.206	15.56			
79.12. 1	3	41.121	16.61			
79.12. 2	3	41.110	16.09			
79.12. 4	3	41.128	16.00			
79.12.10	3	41.316	15.73			
80.12.16	3	41.234	16.51			§
81.11.22	3	41.214	15.80			
81.11.23	3	41.325	14.99			
81.11.29	3	41.276	16.05			
81.12. 5	3	41.382	16.93			
81.12. 7	3	41.149	16.93			
81.12.21	3	41.248	17.42			
81.12.22	3	41.208	17.15			
558	9.0	3.2218	+0.0212	+19.582	−0.110	27°152
73.11. 4	3	0 49 50.847	27 24 10.62			
79.11.29	3	50.929	9.83			
79.12. 3	3	51.170	9.41			
79.12. 4	1	50.909	12.21			
79.12.10	2	51.204	8.88			
79.12.22	3	51.162	10.23			
81.12.21	1	50.913	11.02			
559	8.4	3.2267	+0.0218	+19.580	−0.110	28°155
72.11. 6	3	0 49 55.958	28 7 16.32			
72.11.20	3	55.764	15.68			
73.10.23	3	55.829	13.24			
73.11.11	3	55.968	14.57			
73.11.24	2	55.933	15.31			
74.12.19	3	55.978	15.50			
74.12.19	2	56.058	16.77			
77.12.10	3	55.960	15.88			
82.12.11	3	55.606	15.38			
89.11. 8	7	56.003	15.03			
560	8.2	3.2113	+0.0199	+19.579	−0.110	25°136
73.11. 3	3	0 50 1.087	25 39 44.76			
73.11.28	3	1.044	45.33			
73.12.24	3	1.040	45.21			
561	9.5	3.2368	+0.0229	+19.578	−0.111	29°157
77.10.22	3	0 50 2.156	29 35 57.06			
93.11. 7	7	2.005	55.49			v. ft. bad
93.11.22	7	1.747	57.90			
93.11.28	6	1.746	59.64			

562	$9^{m}.0$	$3^{s}.2290$	$+0^{s}.0220$	$+19''.578$	$-0''.110$	28°156
72.11.6	2	$0^{h}\,50^{m}$	$2^{s}.033$	28° 25′	$57''.03$	Z.C. δ $56''.9$
74.12.14	3		1.899		57.01	
77.11.12	2		1.853		56.06	
82.12.23	3		1.844		56.41	
85.12.10	5		1.954		57.03	
89.11.6	7		1.983		57.77	
89.11.12	7		1.910		56.92	
563	9.0	3.2193	+0.0208	+19.578	−0.110	26°154
73.10.27	3	0 50	3.771	26 55	5.88	+ 5′
78.11.29	3		3.847		5.83	Z.C. δ $5''.9$
564	9.3	3.2146	+0.0201	+19.573	−0.111	25°137
84.11.10	7	0 50	17.855	26 3	44.17	
87.12.9	7		17.833		46.56	
565	9.5	3.2141	+0.0200	+19.570	−0.111	25°138
73.11.3	3	0 50	27.729	25 54	16.47	Z.C. δ $16''.4$
73.11.28	2		27.975		16.84	
78.11.29	2		27.882		15.98	
566	8.9	3.2087	+0.0194	+19.570	−0.111	24°148
73.12.24	1	0 50	28.399	25 3	27.12	Z. C. δ $27''.3$
77.11.13	3		28.339		27.53	
567	7.8	3.2169	+0.0204	+19.569	−0.111	26°155
73.10.16	3	0 50	31.320	26 19	20.73	
73.12.11	3		31.334		22.77	? c.d.
74.11.10	3		31.336		21.60	
568	No star: erroneous observation of 464, which corrected gives					
83.11.14	7	0 40	56.613	28 6	30.64	$-10^{m}+1'$
569	6.0	3.2314	+0.0219	+19.558	−0.112	28°157
84.12.18	4	0 51	4.252	28 18	56.51	*
84.12.19	7		4.513		57.48	
88.11.26	7		4.495		57.26	
570	9.5	3.2367	+0.0226	+19.558	−0.113	28°158
79.12.22	2	0 51	6.188	29 5	33.76	
80.12.16	3		6.027		33.74	
81.11.22	3		5.825		34.40	
81.11.23	3		6.159		34.13	
81.11.29	3		6.263		34.06	
81.12.5	2		6.378		34.65	
81.12.7	3		6.095		34.00	
571	8.0	3.2351	+0.0224	+19.557	−0.113	28°159
74.12.14	3	0 51	7.266	28 50	49.36	Z.C. α $7^{s}.24$
78.12.19	3		7.257		49.47	
79.12.1	3		7.176		48.47	
79.12.4	3		7.303		48.77	
79.12.11	3		7.084		48.58	
79.12.22	1		7.329		49.75	
572	9.5	3.2292	+0.0217	+19.557	−0.112	27°153
73.10.8	3	0 51	10.092	27 56	32.56	Z.C. α $9^{s}.96$
73.11.4	1		9.872		31.46	
73.11.5	2		9.785		31.91	
77.11.20	3		10.098		31.21	

573	$8^{m}.9$	$3^{s}.2327$	$+0^{s}.0221$	$+19''.556$	$-0''.113$	28°160
72.11.6	2	$0^{h}\,51^{m}$	$10^{s}.128$	28° 27′	$21''.58$	Z.C. δ $21''.2$
73.11.11	3		10.081		20.76	Z.C. Ep. 79.1
77.11.12	1		10.257		21.57	
81.12.23	3		10.112		20.51	
88.12.6	5		10.135		21.69	
574	8.2	3.2408	+0.0227	+19.556	−0.113	29°158
73.10.7	3	0 51	12.810	29 38	28.34	
73.10.28	3		12.813		29.24	
73.11.12	3		12.778		29.00	
75.11.18	2		12.913		29.60	
77.10.27	3		12.755		28.76	
85.12.1	5		12.955		29.28	
85.12.4	5		12.846		28.01	
85.12.7	5		12.799		27.24	
575	9.0	3.2288	+0.0215	+19.554	−0.113	— —
73.11.5	2	0 51	16.845	27 49	52.59	†
576	8.6	3.2258	+0.0212	+19.552	−0.113	27°154
92.11.1	4	0 51	22.271	27 18	31.75	
92.11.3	4		22.094		31.26	
577	9.2	3.2188	+0.0204	+19.552	−0.113	26°158 A
86.11.16	7	0 51	23.168	26 14	42.67	† c.d.n.p.
578	9.2	3.2188	+0.0204	+19.552	−0.113	26°158 B
86.12.20	4	0 51	23.944	26 14	39.23	† s.f.
579	9.2	3.2116	+0.0195	+19.551	−0.113	24°152
73.11.28	1	0 51	25.733	25 5	7.96	
86.11.30	7		25.724		8.30	
87.12.7	7		25.824		7.14	
87.12.17	5		25.804		8.50	
580	9.0	3.2276	+0.0214	+19.547	−0.113	27°155
79.11.29	3	0 51	39.546	27 27	44.37	
79.12.1	2		39.439		43.65	
79.12.2	3		39.578		44.98	
80.12.11	3		39.577		42.88	
81.11.23	3		39.668		42.46	
81.12.22	3		39.540		44.54	
82.12.11	2		39.452		43.05	
581	9.5	3.2385	+0.0227	+19.547	−0.115	— —
72.11.20	3	0 51	40.773	29 4	47.05	†
582	7.5	3.2190	+0.0203	+19.545	−0.114	26°161
73.10.16	2	0 51	44.689	26 6	35.04	
73.10.27	3		44.897		35.31	
74.11.10	3		44.672		36.84	
583	8.9	3.2198	+0.0203	+19.542	−0.114	26°162
73.12.11	3	0 51	54.837	26 10	56.67	Z.C. δ $56''.6$
77.11.10	3		54.850		56.84	
77.12.14	3		54.810		56.29	
584	9.2	3.2367	+0.0224	+19.541	−0.115	28°161
82.12.23	3	0 51	59.031	28 40	49.90	
87.12.10	7		58.964		50.78	
87.12.14	7		59.220		50.45	
89.11.2	7		58.887		49.56	

585	$8^{m}.9$	$3^{s}.2366$	$+0^{s}.0224$	$+19''.539$	$-0''.115$	28°162
72.11.20	1	$0^{h}52^{m}\ 3^{s}.246$		28° 37′ 6″.80		Z.C. α $3^{s}.16$
73.11.11	2	3.162		5.15		Z.C. δ 5″.8
74.12.14	1	3.218		6.76		
77.12.10	1	3.139		5.43		
86.11.29	7	2.955		4.87		
86.12. 1	7	3.104		6.10		
86.12.16	7	3.110		5.85		
86.12.18	7	3.310		5.36		
586	7.2	3.2263	+0.0210	+19.534	−0.114	26°163
73.12.11	2	0 52 18.067		26 58 51.15		
77.11.10	3	18.006		50.99		
77.12.14	3	17.866		51.87		
84.12.15	7	17.992		51.46		-1^{s}
84.12.17	7	17.892		52.22		
89.11.12	7	17.914		51.57		
587	9.0	3.2277	+0.0211	+19.532	−0.115	27°157
73.10. 8	3	0 52 24.531		27 8 57.00		Z.C. δ 57″.1
73.11. 4	3	24.407		57.77		
74.12.10	3	24.690		57.44		
77.11.20	3	24.528		56.30		
588	9.5	3.2329	+0.0217	+19.531	−0.113	27°158
81.12.23	3	0 52 27.481		27 54 31.72		
82.12.11	2	27.521		28.93		
589	9.0	3.2386	+0.0224	+19.530	−0.116	— —
73.11.24	3	0 52 31.855		28 42 54.38		†
590	9.3	3.2178	+0.0199	+19.523	−0.116	25°144
82.12.23	3	0 52 53.216		25 27 8.25		
87.12. 9	7	53.105		8.77		
88.12. 6	5	53.075		9.62		− 1 int.
591	8.9	3.2357	+0.0218	+19.517	−0.117	27°159
74.12.10	3	0 53 10.134		28 0 11.69		
77.11.20	3	10.058		11.99		
77.12.13	2	10.276		10.31		
592	9.2	3.2402	+0.0223	+19.514	−0.118	28°163
72.11. 6	3	0 53 19.007		28 35 12.35		
85.12. 1	7	19.146		12.02		
85.12. 4	5	19.073		12.25		
85.12. 7	5	19.087		11.94		
593	9.3	3.2502	+0.0234	+19.513	−0.118	29°161
84.12. 9	7	0 53 21.350		29 59 15.54		
85.12.10	5	21.327		15.95		
87.12. 6	7	21.398		15.43		
594	9.2	3.2443	+0.0228	+19.509	−0.118	28°164
87.12.17	7	0 53 32.744		29 4 20.49		
88.11. 9	5	32.747		20.96		$+ 1^{s}$
88.11.13	7	32.761		20.88		
595	8.5	3.2218	+0.0202	+19.507	−0.117	25°147
73.11. 3	3	0 53 40.249		25 44 55.90		Z.C. δ 55″.9
73.11.28	3	40.348		55.68		
73.12.24	3	40.160		56.29		
77.11.13	3	40.339		55.71		
77.12.24	3	40.354		55.39		
78.11. 7	3	40.305		56.27		
78.11.29	3	40.172		56.19		
78.12.18	3	40.247		55.43		

596	$8^{m}.9$	$3^{s}.2155$	$+0^{s}.0194$	$+19''.507$	$-0''.117$	24°158
81.12.23	3	$0^{h}53^{m}40^{s}.379$		24° 46′ 47″.07		
84.11.10	7	40.415		47.98		
84.11.20	7	40.277		48.26		
597	9.4	3.2477	+0.0231	+19.506	−0.118	29°163
81.12.22	3	0 53 42.860		29 28 31.01		†
598	9.0	3.2213	+0.0200	+19.498	−0.118	25°148
73.11.28	2	0 54 7.284		25 29 6.21		
73.12.24	3	7.134		6.56		
77.11.13	3	7.371		5.47		
78.12.18	3	7.254		6.67		
599	9.4	3.2297	+0.0209	+19.498	−0.118	26°166
86.11.16	7	0 54 7.668		26 42 35.03		
86.12.20	5	8.008		35.87		
88.10.30	4	7.602		36.31		
600	8.8	3.2412	+0.0222	+19.495	−0.119	28°166
72.11. 6	3	0 54 13.917		28 19 34.02		Z.C. δ 33″.5
72.11.20	3	13.877		34.19		
73.11.24	3	13.950		32.82		
74.12.19	3	13.903		33.74		
77.11.12	2	14.039		33.01		
78.12.19	3	13.928		33.43		
601	9.2	3.2414	+0.0222	+19.495	−0.120	28°167
73.11.11	3	0 54 16.171		28 21 14.02		
73.11.24	1	16.391		16.89		
74.12.14	3	16.232		16.31		
602	9.4	3.2337	+0.0213	+19.494	−0.119	27°160
86.11.29	5	0 54 16.843		27 14 22.40		
86.11.30	5	17.088		23.55		
88.11. 6	5	17.143		22.53		
603	9.3	3.2505	+0.0232	+19.493	−0.120	— —
81.12. 5	2	0 54 20.772		29 35 16.51		†
604	8.2	3.2243	+0.0202	+19.491	−0.119	25°150
73.12.24	1	0 54 26.258		25 47 55.72		Z.C. δ 56″.2
78.10.29	3	26.116		57.11		
78.12.11	3	26.087		55.90		
605	9.0	3.2493	+0.0230	+19.490	−0.120	29°165
73.10.28	3	0 54 31.036		29 20 2.32		
75.11.15	3	30.985		2.25		
75.11.18	3	31.193		2.82		
77.10.22	3	30.917		2.56		
606	8.9	3.2540	+0.0236	+19.488	−0.120	29°166
73.10.28	2	0 54 35.050		29 57 52.63		Z.C. δ 53″.0
75.12.23	3	34.999		52.70		
77.10.27	3	35.042		53.62		
607	9.3	3.2522	+0.0232	+19.484	−0.121	29°167
77.11. 9	3	0 54 45.940		29 37 25.72		Z.C. α $46^{s}.14$
79.11.22	3	46.148		24.10		
79.12. 1	3	46.086		24.23		
79.12. 2	3	46.356		24.72		+ 30′
79.12.10	3	46.278		23.48		
79.12.22	3	46.147		23.52		
81.11.22	3	46.180		25.22		
81.11.23	3	46.202		24.57		
81.11.29	3	46.137		23.64		
81.12. 7	3	45.976		24.17		
81 12.21	3	46.099		24.67		

608 $9^{m}.2$ $3^{s}.2408$ $+0^{s}.0220$ $+19''.484$ $-0''.121$ $27^{\circ}161$

82.12.11	3	$0^{h}54^{m}47^{s}.639$	$28^{\circ}\ 2'\ 1''.38$	
84.12.19	7	47.632	2.20	
87.12. 7	7	47.581	1.88	

609 8.6 3.2382 +0.0217 +19.484 −0.120 $27^{\circ}162$

73.10. 8	3	0 54 48.354	27 38 44.43	Z.C. $\delta\ 44''.2$
73.11. 4	3	48.202	44.69	
74.12.10	3	48.361	43.83	
77.11.20	3	48.319	43.63	
77.12.13	3	48.342	44.33	
78.11. 1	3	48.106	44.24	

610 9.5 3.2339 +0.0212 +19.483 −0.121 $26^{\circ}167$

73.12.11	3	0 54 51.291	27 0 30.95	-10^{s}
74.11.10	3	51.385	31.86	Z.C. $\delta\ 31''.2$
75.12.22	3	51.215	30.57	
77.11.10	3	51.493	31.06	
77.12.14	3	51.482	31.76	

611 8.3 3.2532 +0.0231 +19.471 −0.122 $29^{\circ}168$

75.11.15	3	0 55 24.644	29 29 23.47	
75.12.23	3	24.808	23.93	
77.10.22	3	24.753	23.94	
77.10.27	3	24.771	23.60	$-5'$
77.11. 9	3	24.881	23.77	
79.11.22	3	24.928	22.73	
79.12. 1	3	24.755	25.07	
79.12. 2	3	24.934	23.70	
79.12. 4	3	24.913	23.48	$+1^{m}$
79.12.10	3	24.905	23.45	
81.11.22	3	24.709	23.51	
81.11.23	3	24.772	22.56	
81.11.29	3	24.806	23.33	
81.12. 5	2	24.819	24.16	
81.12.22	3	24.933	23.61	

612 6.6 3.2370 +0.0213 +19.463 −0.123 $26^{\circ}169$

73.12.11	3	0 55 48.628	27 4 28.79	Z.C. $\alpha\ 48^{s}.68$
74.11.10	3	48.632	28.13	
75.12.22	3	48.545	27.83	$+5'$
77.12.14	3	48.686	29.28	
81.12.23	3	48.800	27.23	
85.12.10	5	48.668	29.23	
85.12.11	7	48.736	29.25	
87.12. 9	5	48.758	28.76	

613 7.0 3.2276 +0.0202 +19.457 −0.122 $25^{\circ}156$

73.11.28	3	0 56 5.073	25 37 32.95	Z.C. $\delta\ 33''.0$
73.12.24	3	5.020	32.81	
77.11.13	3	5.144	33.19	
77.12.24	3	5.212	32.51	
78.12.18	3	5.083	33.33	

614 7.9 3.2542 +0.0230 +19.457 −0.123 $29^{\circ}170$

73.10.28	3	0 56 5.238	29 18 47.47	
75.12.23	3	5.088	48.41	

615 9.2 3.2595 +0.0236 +19.456 −0.123 $29^{\circ}171$

75.11.18	3	0 56 5.983	30 1 46.23	Z.C. $\delta\ 46''.1$
77.10.22	3	5.886	45.52	
77.10.27	2	5.885	45.69	
87.12.19	7	5.998	46.88	

616 $9^{m}.2$ $3^{s}.2519$ $+0^{s}.0228$ $+19''.456$ $-0''.123$ $28^{\circ}169$

82.12.23	3	$0^{h}56^{m}\ 6^{s}.218$	$29^{\circ}\ 0'\ 43''.54$	
84.11.10	7	6.060	43.97	
84.11.20	6	6.024	44.26	
88.12.13	7	6.221	45.38	

617 8.6 3.2354 +0.0209 +19.449 −0.124 $26^{\circ}170$

73.12.11	3	0 56 26.199	26 35 54.30	
74.11.10	3	26.067	52.69	
75.12.22	3	25.925	52.25	
77.11.10	3	26.183	53.42	
77.12.14	3	26.151	53.27	
84.11.28	7	26.152	53.17	
84.12. 9	6	26.079	51.85	
88.10.30	7	26.041	52.26	

618 9.2 3.2450 +0.0220 +19.449 −0.124 $27^{\circ}164$

82.12.11	3	0 56 27.104	27 55 59.07	Z.C. $\alpha\ 26^{s}.87$
86.11.30	5	26.861	60.27	
88.11. 6	7	26.655	60.61	

619 9.1 3.2346 +0.0208 +19.445 −0.123 $26^{\circ}171$

85.12. 1	5	0 56 36.976	26 25 8.59	-1°
86.11.16	7	36.948	7.25	
86.11.23	7	36.893	8.92	

620 9.3 3.2486 +0.0223 +19.445 −0.124 $28^{\circ}170$

85.12. 8	1	0 56 38.985	28 20 8.93	
86.12.20	3	39.026	7.91	
88.11.16	5	38.982	9.21	

621 9.5 3.2419 +0.0216 +19.441 −0.125 — —

79.11.29	2	0 56 48.639	27 20 48.55	
91.12.11	5	48.769	48.04	

622 8.3 3.2297 +0.0202 +19.441 −0.124 $25^{\circ}158$

73.11.28	3	0 56 49.140	25 38 22.95	
73.12.24	3	49.038	23.63	
77.11.13	3	49.213	23.22	
78.12.18	2	49.047	22.88	

623 8.6 3.2529 +0.0227 +19.440 −0.125 $28^{\circ}171$

72.11. 6	3	0 56 52.285	28 49 43.60	Z.C. $\delta\ 43''.6$
72.11.20	3	52.191	43.68	
73.11.24	3	52.242	43.92	
77.11.12	3	52.190	43.83	
77.12.10	3	52.335	43.44	
78.12.19	3	52.289	44.66	§
82.12.23	3	52.426	43.11	
85.12. 4	7	52.304	43.80	
85.12. 7	7	52.323	43.75	

624 9.0 3.2444 +0.0218 +19.439 −0.125 $27^{\circ}165$

73.11. 4	3	0 56 54.543	27 39 17.45	Z.C. $\delta\ 17''.8$
74.12.10	3	54.818	16.58	
77.11.20	3	54.651	17.88	
77.12.13	3	54.980	18.43	
78.11. 1	3	54.533	18.42	

625 8.7 3.2415 +0.0215 +19.437 −0.125 $27^{\circ}166$

73.11. 4	2	0 57 1.940	27 12 34.53	Z.C. $\delta\ 33''.9$
74.12.10	2	1.895	33.49	
77.11.20	3	1.711	34.60	
81.12.23	3	1.796	33.16	
86.11.29	7	1.781	33.70	
86.12. 1	7	1.830	33.64	

626	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.2413$	$+0^{\mathrm{s}}.0214$	+19".432	−0".125	27°167
85.12.10	4	$0^{\mathrm{h}}57^{\mathrm{m}}14^{\mathrm{s}}.868$	27° 6' 14".15			
87.12. 6	7	14.874	13.24			
87.12. 7	7	14.904	13.00			
627	8.8	3.2327	+0.0205	+19.431	−0.125	25°160
73.11.28	1	0 57 17.352	25 52 55.12			Z.C. δ 55".0
77.11.13	2	17.606	55.40			
78.11. 7	2	17.257	54.88			
78.12.11	3	17.455	54.70			
628	8.4	3.2332	+0.0205	+19.429	−0.125	25°161
73.12.24	1	0 57 21.410	25 54 56.24			Z.C. α $21^{\mathrm{s}}.59$
77.12.24	3	21.651	54.97			Z.C. δ 56".2
78.11. 7	2	21.605	56.37			
88.12. 6	7	21.686	57.28			n.f. of 2
629	9.3	3.2436	+0.0216	+19.428	−0.126	27°168
77.12.13	2	0 57 25.263	27 20 35.75			Z.C. δ 35".8
79.11.22	3	25.012	34.06			Z.C. Ep. 80.9
79.12. 1	3	24.834	35.97			
79.12. 2	3	25.193	36.17			
81.11.22	3	24.966	36.26			
81.11.23	3	25.127	36.37			
81.11.29	3	24.989	36.60			
81.12. 5	3	25.034	35.42			
81.12. 7	3	24.980	34.81			
81.12.21	3	24.934	36.26			
630	9.3	3.2552	+0.0228	+19.427	−0.126	28°173
87.12. 9	5	0 57 29.028	28 52 30.81			
87.12.10	7	29.019	29.90			
87.12.14	7	29.114	31.19			
88.11.13	7	29.066	31.96			
631	6.7	3.2566	+0.0229	+19.423	−0.126	28°174
72.11.20	2	0 57 37.964	28 59 28.82			
73.11.24	3	37.992	27.88			
78.12.19	2	37.976	28.25			
84.12.19	7	38.095	26.57			
87.12.17	7	38.100	26.92			
88.11.26	5	38.035	27.15			
632	8.8	3.2574	+0.0229	+19.421	−0.127	28°175
73.11.11	3	0 57 45.366	29 3 13.15			
74.12.14	3	45.458	14.33			
74.12.19	3	45.417	14.79			
77.11.12	3	45.392	15.09			
633	9.3	3.2571	+0.0229	+19.419	−0.127	— —
72.11. 6	3	0 57 49.939	28 58 60.44			Z.C. δ 0".2
77.12.10	2	49.996	59.71			
78.12.19	2	49.765	60.58			
634	9.0	3.2433	+0.0213	+19.416	−0.127	26°174
75.12.22	1	0 57 59.396	27 4 12.75			†
635	8.4	3.2492	+0.0220	+19.415	−0.127	27°169
73.11. 4	1	0 58 2.266	27 50 38.65			
74.12.10	1	2.404	37.69			
79.12. 1	3	2.143	37.88			
79.12. 2	2	2.172	37.92			
79.12. 3	3	2.218	36.13			
79.12. 4	3	2.318	36.99			
80.12.18	3	2.258	37.68			
81.12. 7	3	2.173	36.79			
81.12.22	3	2.357	38.14			
636	$9^{\mathrm{m}}.3$	$3^{\mathrm{s}}.2578$	$+0^{\mathrm{s}}.0228$	+19".411	−0".127	28°176
82.12.11	3	$0^{\mathrm{h}}58^{\mathrm{m}}12^{\mathrm{s}}.462$	28° 54' 54".38			
84.11.10	7	12.506	54.33			
84.11.20	7	12.467	55.37			
637	9.2	3.2460	+0.0215	+19.410	−0.128	27°171
78.11. 1	3	0 58 16.442	27 18 44.67			-1^{m}
79.11.22	3	16.473	41.33			
79.12. 3	2	16.491	42.24			−1'
79.12. 4	3	16.730	43.25			
79.12.10	3	16.848	43.72			
79.12.11	3	16.487	43.02			
80.12.11	2	16.674	43.70			
81.11.22	2	16.475	43.82			
81.11.23	2	16.456	42.87			
81.11.29	3	16.414	43.23			
81.12.21	3	16.561	42.70			
88.12. 1	7	16.566	43.71			
638	9.3	3.2334	+0.0203	+19.407	−0.127	25°164
84.12.15	7	0 58 23.279	25 34 13.42			d.n.f.
86.12.20	5	23.601	12.83			d.n.f.
639	9.1	3.2581	+0.0228	+19.406	−0.128	28°177
85.12. 1	5	0 58 24.869	28 52 9.68			
85.12. 8	3	25.035	8.64			
86.11.30	7	24.933	9.96			
640	9.1	3.2447	+0.0214	+19.406	−0.128	26°175
73.12.11	3	0 58 25.162	27 5 48.38			Z.C. δ 48".7
74.11.10	3	25.025	48.80			
77.11.10	3	25.067	49.40			
77.12.14	3	25.021	48.26			
641	9.4	3.2640	+0.0235	+19.404	−0.130	— —
77.10.22	3	0 58 32.766	29 34 38.61			† Z.C. δ 38".6
642	8.5	3.2641	+0.0232	+19.385	−0.131	29°175
73.10.28	3	0 59 22.453	29 15 13.80			Z.C. α $22^{\mathrm{s}}.42$
75.11.15	3	22.305	13.22			−20'
75.11.18	3	22.513	14.73			
643	9.0	3.2532	+0.0220	+19.384	−0.130	27°172
73.11. 4	2	0 59 24.247	27 50 3.58			
92.11. 3	7	24.522	2.64			
644	8.4	3.2401	+0.0205	+19.384	−0.130	25°165
73.11.28	3	0 59 26.329	26 4 29.47			
73.12.24	3	26.304	28.14			
73.12.24	1	26.444	28.67			
77.11.13	3	26.400	28.76			
77.12.24	3	26.388	28.86			
645	9.5	3.2315	+0.0199	+19.377	−0.129	24°179
88.10.30	4	0 59 45.124	24 48 11.13			ex. ft.
88.11. 6	3	44.799	9.44			
88.11.26	5	44.863	9.25			

646	$9^{m}.0$	$3^{s}.2533$	$+0^{s}.0220$	+19″.376	−0″.131	27°174
78.11. 1	3	$0^{h}59^{m}46^{s}.415$	27° 42′ 4″.39			
79.11.22	3	46.387	1.62			
79.11.29	3	46.257	3.86			
79.12. 1	3	46.359	3.91			
79.12. 3	3	46.405	2.54			
79.12. 4	3	46.514	3.86			
79.12.10	3	46.602	3.90			
80.12.11	3	46.429	2.35			
81.11.23	3	46.220	1.71			
81.11.29	3	46.287	3.14			
81.12. 5	3	46.406	2.81			
81.12. 7	3	46.182	4.18			
81.12.21	3	46.315	2.41			
81.12.22	3	46.353	4.99			
85.12.10	5	46.342	1.54			
86.11.16	7	46.426	2.80			
86.11.23	7	46.478	2.49			
647	8.2	3.2637	+0.0231	+19.375	−0.132	28°179
72.11. 6	3	0 59 48.620	29 1 39.57			
72.11.20	3	48.671	39.30			
73.11.24	3	48.610	39.92			
74.12.14	3	48.635	39.21			
77.11.12	3	48.624	39.08			
77.12.10	3	48.643	38.54			
78.12.19	3	48.604	39.77			
648	8.9	3.2439	+0.0210	+19.368	−0.131	26°181
73.12.11	3	1 0 7.137	26 21 4.08			Z.C. δ 4″.1
77.11.10	3	7.165	3.96			
77.12.14	3	7.126	4.15			
649	8.9	3.2693	+0.0236	+19.366	−0.132	29°176
73.10.28	3	1 0 12.587	29 33 53.88			Z.C. δ 53″.9
75.12.23	3	12.527	54.27			
77.10.22	3	12.548	53.54			
650	8.9	3.2599	+0.0225	+19.363	−0.132	28°182
72.11. 6	2	1 0 20.620	28 20 0.90			
72.11.20	3	20.671	0.81			
77.11.12	3	20.623	1.39			
651	8.5	3.2562	+0.0221	+19.363	−0.132	27°175
73.11. 4	1	1 0 20.756	27 51 58.05			Z.C. δ 57″.5
74.12.10	3	20.700	56.89			
78.11. 1	3	20.591	57.64			
652	9.4	3.2453	+0.0210	+19.361	−0.132	26°182
74.11.10	3	1 0 26.544	26 24 48.77			
78.12.11	3	26.643	48.25			
87.12. 7	7	26.770	48.36			
653	8.9	3.2477	+0.0212	+19.354	−0.132	26°185
74.11.10	2	1 0 43.415	26 36 61.39			Z.C. δ 0″.3
77.11.10	3	43.579	59.12			
78.11. 7	3	43.383	60.32			
654	9.2	3.2445	+0.0209	+19.353	−0.133	26°186
85.12. 1	7	1 0 47.589	26 10 42.60			
85.12. 4	7	47.549	41.20			
85.12. 7	7	47.534	43.12			

655	$9^{m}.1$	$3^{s}.2484$	$+0^{s}.0212$	+19″.352	−0″.133	26°187
77.12.14	3	$1^{h}\,0^{m}48^{s}.855$	26° 39′ 48″.94			Z.C. δ 49″.0
78.11. 7	2	48.890	48.73			
78.12.11	3	48.822	49.18			
656	9.5	3.2615	+0.0225	+19.349	−0.133	28°183
73.11.24	3	1 0 56.530	28 18 33.30			†
657	9.1	3.2392	+0.0202	+19.345	−0.132	25°169
85.12. 8	5	1 1 6.943	25 21 47.99			
86.11.30	4	7.155	49.94			
88.12. 1	7	7.063	48.77			
658	9.1	3.2654	+0.0229	+19.344	−0.134	28°184
84.12. 9	7	1 1 11.230	28 42 10.38			
84.12.15	7	11.248	10.05			
84.12.17	7	11.179	10.38			
659	9.2	3.2620	+0.0225	+19.343	−0.133	28°185
74.12.14	3	1 1 14.390	28 15 54.69			
87.12.10	7	14.424	54.38			
87.12.14	5	14.535	53.44			
660	9.3	3.2633	+0.0226	+19.342	−0.134	28°186
86.11.29	5	1 1 15.371	28 24 51.65			
86.12. 1	5	15.482	51.74			
661	7.2	3.2621	+0.0225	+19.338	−0.134	28°187
72.11. 6	3	1 1 26.313	28 12 8.94			Z.C. δ 9″.0
72.11.20	3	26.392	9.14			
74.12.14	3	26.298	9.23			
77.11.12	2	26.339	8.64			
662	8.5	3.2749	+0.0238	+19.337	−0.135	29°179
73.10.28	3	1 1 27.662	29 45 44.91			
77.10.22	3	27.664	43.79			
79.12. 1	3	27.575	44.32			
79.12. 2	3	27.694	43.77			
79.12. 4	3	27.679	42.96			
79.12.10	3	27.719	44.49			
79.12.18	3	27.659	45.03			
81.11.22	3	27.618	43.48			
81.11.23	3	27.830	42.36			
81.12. 5	3	27.461	44.01			
81.12.21	3	27.639	43.68			
81.12.22	3	27.775	44.13			
663	9.0	3.2395	+0.0202	+19.334	−0.134	25°170
73.11.28	3	1 1 35.727	25 14 23.44			Z.C. δ 24″.0
73.12.24	3	35.656	23.99			
78.10.29	3	35.756	24.66			
664	9.1	3.2429	+0.0205	+19.332	−0.134	25°171
87.12. 9	5	1 1 40.172	25 39 16.96			
87.12.19	5	40.105	16.62			
665	7.4	3.2762	+0.0238	+19.326	−0.136	29°181
73.10.28	2	1 1 57.381	29 44 25.29			
79.12. 1	3	57.140	25.51			
79.12.10	3	57.265	25.44			
79.12.18	3	57.245	23.74			
81.11.23	2	57.273	24.41			
81.12. 5	3	57.185	25.79			

666	$9^{m}.0$	$3^{s}.2663$	$+0^{s}.0228$	$+19''.324$	$-0''.136$	28°190
78.12.19	3	$1^{h}\ 2^{m}\ 2^{s}.086$	$28^{\circ}\ 30'\ 24''.09$			
79.12. 2	3	2.322	23.57			
79.12. 3	3	2.307	23.21			
81.11.29	3	2.007	24.21			
81.12. 7	3	2.169	22.69			
81.12.21	1	1.952	23.21			
667	9.2	3.2459	+0.0207	+19.323	−0.135	25°173
85.12.10	5	1 2 3.759	25 54 16.03			
.88.10.30	5	3.755	15.33			
88.11. 6	7	3.797	15.12			
668	9.5	3.2635	+0.0224	+19.317	−0.136	27°179
79.11.29	2	1 2 20.861	28 2 28.20			
91.12.11	1	20.791	31.09			
669	9.0	3.2597	+0.0220	+19.317	−0.136	27°180
73.11. 4	3	1 2 21.366	27 33 20.56			
77.12.13	3	21.490	19.25			
78.11. 1	3	21.388	21.77			
88.11. 9	5	21.348	19.17			
670	8.2	3.2763	+0.0236	+19.314	−0.137	29°183
79.12. 1	1	1 2 26.744	29 33 28.80			
79.12.11	3	26.884	29.86			
80.12.11	3	26.994	28.18			
81.11.22	3	27.009	29.27	+ 1'		
671	8.4	3.2785	+0.0238	+19.312	−0.137	29°184
79.12. 3	3	1 2 32.307	29 46 44.90			
81.12. 5	1	32.318	45.39			
672	8.4	3.2660	+0.0224	+19.297	−0.138	27°181
78.11. 1	3	1 3 10.773	28 2 4.84			
79.11.29	3	10.770	3.77			
79.12.22	3	10.748	4.70			
81.12. 7	3	10.612	4.48			
673	8.9	3.2611	+0.0219	+19.294	−0.138	27°182
77.12.13	3	1 3 18.478	27 22 36.20	Z.C. α $18^{s}.62$		
79.12.10	3	18.726	35.93			
80.12.11	3	18.560	35.56			
80.12.16	3	18.620	37.00			
81.11.23	2	18.708	35.03			
674	9.0	3.2767	+0.0234	+19.289	−0.139	29°185
79.12. 4	1	1 3 30.123	29 12 10.19			
80.12.18	3	29.855	10.65			
81.11.22	3	30.018	11.39			
675	6.1	3.2413	+0.0199	+19.288	−0.138	24°186
84.12.19	7	1 3 32.793	24 47 41.09			
85.12. 1	5	32.708	42.13			
85.12. 4	5	32.720	41.01			
85.12. 7	5	32.821	42.02			
85.12. 8	7	32.708	41.85			
676	9.0	3.2654	+0.0222	+19.287	−0.139	27°183
79.12. 3	3	1 3 34.595	27 48 38.02	Z.C. δ $38''.1$		
80.12.11	2	34.761	37.60	Z.C.Ep.82.9		
87.12. 7	5	34.651	38.65			

677	$9^{m}.2$	$3^{s}.2475$	$+0^{s}.0206$	$+19''.283$	$-0''.139$	25°180
86.11.29	5	$1^{h}\ 3^{m}46^{s}.614$	$25^{\circ}\ 31'\ 14''.38$			
86.12. 1	5	46.764	12.93			
88.12. 1	7	46.703	14.15			
678	9.0	3.2774	+0.0235	+19.281	−0.140	29°187
81.12.22	3	1 3 51.581	29 9 4.58	Z.C. δ $3''.9$		
81.12.23	3	51.368	2.43			
83.11.12	4	51.544	5.47			
83.11.19	3	51.504	3.31			
679	8.0	3.2614	+0.0219	+19.280	−0.139	27°185
78.11. 1	2	1 3 54.201	27 12 6.46	Z.C. δ $5''.5$		
83.11. 9	3	54.010	5.05			
83.11.14	3	54.007	5.10			
680	9.2	3.2540	+0.0211	+19.280	−0.139	26°191
86.11.16	7	1 3 54.285	26 17 3.93			
86.11.23	6	54.481	4.30			
681	9.0	3.2443	+0.0202	+19.279	−0.139	24°187
73.12.24	3	1 3 56.325	25 3 27.90	Z.C. δ $27''.9$		
78.11. 7	3	56.390	28.78			
78.12.11	3	56.307	26.96			
682	9.1	3.2632	+0.0219	+19.274	−0.139	27°186
87.12. 6	7	1 4 8.826	27 21 15.60			
87.12. 9	7	8.834	14.80			
683	8.3	3.2885	+0.0243	+19.270	−0.141	30°182
79.12. 1	3	1 4 17.432	30 17 6.16	Z.C. δ $5''.7$		
83.11.12	3	17.367	6.33			
83.11.21	3	17.507	4.68			
684	9.2	3.2542	+0.0210	+19.267	−0.140	26°192
85.12.10	5	1 4 24.469	26 8 25.55			
88.10.30	5	24.553	26.34			
88.11. 9	5	24.498	26.28			
685	8.7	3.2469	+0.0203	+19.265	−0.140	25°185
73.12.24	3	1 4 30.495	25 11 29.06			
78.12.11	3	30.399	28.74			
81.11.23	2	30.655	28.00			
81.12. 5	2	30.495	29.03			
686	8.9	3.2576	+0.0213	+19.262	−0.140	26°195
77.12.14	3	1 4 38.379	26 28 33.80	Z.C. δ $33''.7$		
78.11. 7	3	38.287	33.41			
81.12. 7	3	38.376	33.65			
88.11. 6	5	38.379	34.06			
687	9.3	3.2759	+0.0231	+19.261	−0.141	28°194
83.11.28	3	1 4 39.875	28 40 48.36	Z.C. δ $48''.5$		
83.12.12	4	39.898	48.73	w. 4.-1^{s}.		
688			Fundamental Star			29°190
689	9.3	3.2824	+0.0236	+19.253	−0.142	29°192
79.12. 3	3	1 5 0.380	29 19 10.26	Z.C. δ $10''.2$		
83.11.20	3	0.277	10.08			
690	9.4	3.2774	+0.0231	+19.248	−0.142	28°195
81.11.22	1	1 5 11.842	28 40 3.86	Z.C. δ $3''.1$		
83.12.14	3	11.934	2.28			

691	$8^{m}.5$	$3^{s}.2684$	$+0^{s}.0222$	$+19''.247$	$-0''.142$	27°189
83.11. 6	4	$1^{h}\ 5^{m}\ 14^{s}.750$	27° 34′ 59″.22			
83.11.19	3	14.766	59.86			
83.12. 4	3	14.753	60.56			
		Z.C. δ 27°.34′.59″.9				
692	8.5	3.2746	+0.0227	+19.242	−0.143	28°197
78.12.19	3	1 5 25.895	28 14 44.66			
83.11.14	4	25.875	43.39			
83.12.20	7	25.927	43.78			
88.11.26	5	25.879	43.66			
693	9.5	3.2814	+0.0234	+19.240	−0.143	28°198
93.11.22	7	1 5 31.218	29 1 43.21			
93.11.28	7	31.645	42.64			
694	9.0	3.2683	+0.0221	+19.235	−0.143	27°190
83.11. 9	3	1 5 44.425	27 23 46.60			
83.11.20	4	44.626	47.79			
83.12.12	4	44.740	48.19			
695	9.1	3.2810	+0.0233	+19.233	−0.144	28°199
78.12.19	3	1 5 47.939	28 51 43.70			
79.12. 3	2	47.955	44.58			
81.12. 5	2	48.041	43.24			
81.12. 7	3	47.973	43.63			
696	9.4	3.2776	+0.0230	+19.231	−0.144	28°201
77.11.12	1	1 5 52.866	28 27 1.03			*
86.11.29	5	53.032	1.59			Z.C. δ 1″.1
86.12. 1	4	52.775	0.73			
697	9.0	3.2521	+0.0205	+19.227	−0.143	25°188
73.11.28	1	1 6 2.320	25 20 13.53			
73.12.24	3	2.252	16.21			
78.12.11	3	2.346	14.93			
698	6.5	3.2866	+0.0238	+19.226	−0.144	29°195
77.10.27	2	1 6 6.677	29 24 3.94			Z.C. δ 3″.2
79.12. 4	2	6.821	1.82			
88.10.30	5	6.600	3.80			
699	8.7	3.2839	+0.0234	+19.221	−0.145	28°202
79.12. 1	3	1 6 17.007	29 2 10.56			Z.C. δ 10″.1
83.11. 9	1	16.736	9.46			*
83.11.21	3	16.940	9.90			
83.11.28	4	16.922	10.28			
700	8.8	3.2669	+0.0218	+19.214	−0.144	26°197
74.11.10	3	1 6 33.698	26 56 42.38			
77.12.14	3	33.688	42.35			
78.11. 7	3	33.771	42.19			
78.12.14	3	33.896	40.90			
701	8.0	3.2492	+0.0201	+19.214	−0.144	24°189
85.12. 8	5	1 6 33.878	24 47 50.74			
85.12.10	5	33.890	49.26			
88.11. 6	5	33.859	49.69			
702	7.5	3.2854	+0.0235	+19.212	−0.145	28°204
78.12.19	3	1 6 40.513	29 4 25.55			Z.C. α $40^{s}.45$
81.11.23	3	40.605	23.91			
88.11. 9	5	40.219	25.36			

703	$8^{m}.5$	$3^{s}.2922$	$+0^{s}.0242$	$+19''.211$	$-0''.147$	29°198
73.10.28	3	$1^{h}\ 6^{m}\ 40^{s}.971$	29° 50′ 8″.24			†
80.12.11	3	41.045	7.10			Z.C. α $40^{s}.82$
83.11. 6	5	40.681	6.98			Z.C. δ 7″.3
83.11.19	5	40.780	6.88			
83.11.20	1	40.599	7.45			
704	7.5	3.2577	+0.0209	+19.210	−0.144	25°192
73.12.24	2	1 6 44.776	25 47 20.11			Z.C. δ 20″.2
83.11.12	5	44.921	20.62			
83.11.28	3	44.874	19.84			
705	9.1	3.2680	+0.0218	+19.206	−0.145	26°198
74.11.10	1	1 6 54.656	26 57 48.87			Z.C. δ 49″.1
78.11. 7	2	54.557	49.27			
706	7.5	3.2565	+0.0207	+19.205	−0.145	25°194
79.12.10	2	1 6 56.829	25 34 45.23			Z.C. δ 44″.0
79.12.11	3	56.673	43.88			
79.12.22	3	56.750	44.02			
84.12. 9	7	56.695	42.49			
88.11.16	7	56.768	44.32			
707	8.5	3.2640	+0.0214	+19.204	−0.145	26°199
78.12.14	2	1 6 58.357	26 28 14.12			
79.12. 1	3	58.401	14.93			
79.12.18	3	58.621	12.18			
708	9.0	3.2854	+0.0234	+19.200	−0.146	28°205
72.11. 6	3	1 7 7.217	28 54 33.96			
74.12.14	3	7.299	34.49			$+1^{s}$
88.11.13	7	7.424	34.50			
709	9.2	3.2585	+0.0208	+19.200	−0.145	25°195
88.12. 1	6	1 7 7.773	25 45 33.35			† v. ft.
710	9.1	3.2574	+0.0207	+19.199	−0.145	25°196
84.12.15	7	1 7 9.505	25 36 58.34			
84.12.17	7	9.545	58.61			
711	9.3	3.2585	+0.0208	+19.199	−0.145	— —
86.11.16	5	1 7 9.443	25 44 58.91			
87.12. 9	4	9.637	60.00			
712	7.6	3.2766	+0.0225	+19.198	−0.146	27°196
77.12.12	2	1 7 13.111	27 52 4.31			Z.C. δ 4″.7
78.11. 1	3	12.980	4.82			
87.12.10	7	13.209	4.74			
87.12.14	7	13.120	5.01			
713	9.0	3.2771	+0.0225	+19.197	−0.146	— —
73.11. 4	3	1 7 15.744	27 54 19.57			† Z.C. δ 19″.6
714	8.4	3.2541	+0.0204	+19.196	−0.146	25°197
73.11.28	1	1 7 18.676	25 9 59.71			Z.C. α $18^{s}.56$
78.12.11	3	18.371	60.32			
87.12.19	7	18 644	59.69			
715	8.9	3.2896	+0.0237	+19.195	−0.147	29°199
80.12.16	2	1 7 19.131	29 18 24.77			
81.12.23	3	18.937	24.58			
83.11.14	7	18.960	24.66			
83.11.21	5	19.090	24.55			
87.12. 7	5	19.205	25.41			

716	$9^{m}.2$	$3^{s}.2790$	$+0^{s}.0227$	$+19''.195$	$-0''.147$	27°197
85.12. 1	7	$1^{h}\ 7^{m}\ 19^{s}.823$		$28^{\circ}\ 6'\ 11''.30$		
85.12. 4	7	19.769		9.93		
85.12. 7	7	19.794		10.88		
87.12.17	5	19.682		11.74		
717	7.5	3.2950	+0.0242	+19.192	−0.148	29°200
73.10.28	2	1 7 26.814		29 52 46.62		Z.C. $\delta\ 46''.2$
77.10.27	1	27.004		47.76		-1^{s}
79.12. 2	3	26.842		45.42		
81.11.22	3	26.761		46.09		
81.12. 5	3	26.884		45.36		
81.12. 7	3	26.698		45.76		
718	9.0	3.2683	+0.0217	+19.187	−0.147	26°202
77.11.10	3	1 7 39.876		26 44 20.70		
80.12.11	3	40.243		19.30		
80.12.18	3	40.045		21.61		
81.11.29	3	39.989		20.80		
719	8.3	3.2743	+0.0222	+19.184	−0.147	27°199
73.11. 4	2	1 7 46.488		27 24 44.11		
77.12.12	1	46.260		43.25		*
79.12. 1	2	46.430		44.08		
720	9.2	3.2562	+0.0206	+19.184	−0.147	25°198
86.11.29	7	1 7 46.957		25 16 35.86		
86.12. 1	5	47.066		36.53		
88.11.26	7	47.023		36.51		
721	8.4	3.2610	+0.0210	+19.179	−0.147	25°200
73.12.24	2	1 7 58.732		25 47 2.51		
79.12. 2	3	58.842		1.49		
79.12. 3	3	58.759		1.82		
79.12. 4	3	58.913		1.88		
79.12.18	3	58.905		1.72		
722	8.4	3.2945	+0.0240	+19.174	−0.149	29°203
79.12.11	3	1 8 8.491		29 34 29.52		
79.12.22	3	8.528		28.33		
723	8.9	3.2630	+0.0210	+19.170	−0.148	25°201
78.12.11	3	1 8 18.620		25 55 14.76		
86.12.16	7	18.872		14.24		
86.12.18	7	18.798		14 74		$+5^{s}$
724	9.1	3.2973	+0.0242	+19.166	−0.150	29°205
85.12.10	5	1 8 28.488		29 46 10.16		
87.12. 6	7	28.602		9.36		
88.11. 9	5	28.265		10.64		
725	8.9	3.2990	+0.0244	+19.165	−0.150	29°206
73.10.28	2	1 8 29.597		29 56 59.25		
85.12. 8	5	29.509		57.25		
88.10.30	7	29.350		57.49		
88.12. 7	7	29.366		56.54		
88.12.13	7	29.579		56.81		
726	8.9	3.2687	+0.0215	+19.165	−0.148	26°206
74.11.10	3	1 8 30.540		26 31 23.37		Z C. $\delta\ 24''.3$
77.12.14	3	30.549		24.96		
78.11. 7	3	30.518		24.59		

727	$9^{m}.1$	$3^{s}.3027$	$+0^{s}.0245$	$+19''.150$	$-0''.151$	30°191
86.11.16	7	$1^{h}\ 9^{m}\ 6^{s}.041$		$30^{\circ}\ 8'\ 13''.16$		
86.11.23	7	6.116		14.87		
86.12.20	5	6.106		15.28		
728	9.4	3.2861	+0.0230	+19.149	−0.150	28°210
72.11. 6	3	1 9 7.255		28 18 22.28		Z.C. $\delta\ 20''.7$
74.12.14	3	7.253		20.48		
77.11.12	3	7.408		19.40		
729	7.0	3.2587	+0.0205	+19.145	−0.150	25°205
73.11.28	3	1 9 16.254		25 6 29.73		
73.12.24	3	16.197		30.65		
78.12.11	3	16.139		30.00		
88.11. 6	7	16.303		29.11		
730	8.9	3.2832	+0.0227	+19.144	−0.151	27°202
77.12.12	2	1 9 18.458		27 55 6.28		
79.12. 1	2	18.234		4.68		
79.12.10	2	18.439		6.24		
79.12.22	2	18.410		4.99		
81.11.22	3	18.358		5.60		
81.11.23	3	18.570		4.62		
82.12.23	3	18.401		4.05		
87.12. 7	7	18.425		5.32		
731	9.1	3.2833	+0.0227	+19.144	$-0''.151$	— —
77.12.12	1	1 9 18.718		27 56 13.17		Z.C. $\delta\ 12''.9$
79.12.22	2	18.764		12.59		
81.11.22	2	18.687		12.95		
732	9.2	3.2661	+0.0211	+19.130	−0.151	25°206
85.12. 1	5	1 9 50.495		25 47 12.81		Z.C. $\delta\ 12''.2$
85.12. 4	5	50.642		11.23		
85.12. 7	5	50.501		12.06		
87.12. 9	6	50.608		12.59		
733	9.1	3.2821	+0.0225	+19.129	−0.152	27°203
79.12.11	3	1 9 52.418		27 36 26.45		
79.12.18	3	52.375		25.47		
81.12. 5	2	52.261		26.11		
81.12. 7	3	52.294		24.57		
734	9.5	3.2796	+0.0222	+19.128	−0.152	27°204
81.12.21	3	1 9 55.311		27 18 32.71		
81.12.22	2	55.155		31.53		-1^{s}
735	9.1	3.2631	+0.0208	+19.126	−0.151	25°207
84.12. 9	7	1 9 59.682		25 23 54.22		
84.12.15	7	59.557		53.99		
87.12.17	7	59.720		55.97		
736	9.0	3.2788	+0.0222	+19.126	−0.152	27°205
79.12.10	1	1 9 59.800		27 11 28.23		
80.12.11	3	60.221		26.22		
80.12.16	3	59.880		26.97		
87.12.10	6	60.040		24.87		
87.12.14	7	59.786		27.43		
737	7.9	3.2987	+0.0239	+19.122	−0.153	29°209
73.10.28	3	1 10 10.524		29 19 53.27		
85.12.10	5	10.514		54.05		
86.11.30	7	10.596		53.89		

738	$8^{m}.3$	$3^{s}.2805$	$+0^{s}.0222$	$+19''.121$	$-0''.152$	27°206
79.12. 1	2	$1^{h}10^{m}11^{s}.557$		$27°\,19'\,28''.17$		Z.C. $\delta\,28''.0$
79.12. 3	3	11.799		28.99		
79.12. 4	3	11.862		28.38		
83.11. 9	3	11.672		27.34		
83.11.21	4	11.704		27.40		
83.11.28	4	11.567		27.97		
739	9.0	3.2666	+0.0209	+19.112	−0.152	25°210
73.12.24	3	1 10 32.831		25 38 7.50		
80.12.11	3	32.953		7.05		
80.12.16	3	32.896		6.21		
81.12. 5	3	32.915		7.36		
740	9.1	3.2781	+0.0218	+19.100	−0.154	26°216
74.11.10	3	1 11 0.134		26 47 51.85		Z.C. $\delta\,51''.7$
77.12.14	3	0.238		50.26		
78.11. 7	3	0.172		52.96		
741	8.9	3.2968	+0.0235	+19.098	−0.155	28°213
74.12.14	3	1 11 4.016		28 50 0.51		Z.C. $\alpha\,3^{s}.96$
77.11.12	3	3.887		0.96		Z.C. $\delta\,0''.8$
78.12.19	2	3.877		0.94		
92.12. 5	7	4.068		0.88		
742	8.4	3.2827	+0.0223	+19.098	−0.154	27°207
77.12.12	2	1 11 4.754		27 17 18.98		
79.12. 3	3	4.741		18.99		
79.12. 4	3	4.910		19.10		
81.12. 7	3	4.604		17.86		
83.11.14	3	4.690		18.16		
743	7.8	3.2700	+0.0211	+19.091	−0.154	25°211
78.12.11	3	1 11 18.671		25 47 31.09		Z.C. $\delta\,31''.7$
83.11.12	4	18.596		32.19		
83.12. 4	3	18.586		31.74		
744	9.2	3.3006	+0.0238	+19.091	−0.156	29°210
88.11.13	7	1 11 19.820		29 9 37.93		
89.11. 7	5	19.619		38.09		
89.11.25	7	19.655		36.37		
745	8.3	3.2744	+0.0214	+19.088	−0.155	26°217
74.11.10	3	1 11 26.720		26 14 39.75		
81.11.23	3	26.949		38.29		
746	9.0	3.2990	+0.0236	+19.086	−0.156	28°214
78.12.19	2	1 11 29.868		28 55 27.64		Z.C. $\delta\,26''.5$
83.11.19	3	29.768		25.67		
83.12.12	4	29.829		26.28		
747	8.4	3.2674	+0.0208	+19.086	−0.154	25°212
78.11. 7	2	1 11 30.546		25 26 9.67		Z.C. $\delta\,9''.6$
92.12.12	7	30.576		9.51		
748	8.8	3.2733	+0.0213	+19.084	−0.155	25°213
83.11. 6	4	1 11 34.105		26 5 10.01		Z.C. $\delta\,9''.8$
83.11.20	3	34.205		9.59		
749	9.1	3.2909	+0.0229	+19.083	−0.155	27°209
87.12. 7	7	1 11 38.183		28 0 51.61		
89.11. 8	7	38.278		50.00		

750	$9^{m}.3$	$3^{s}.2934$	$+0^{s}.0231$	$+19''.082$	$-0''.155$	28°215
89.11. 5	7	$1^{h}11^{m}38^{s}.836$		$28°\,16'\,23''.00$		
89.11.12	7	39.020		24.86		
751	8.9	3.3021	+0.0238	+19.079	−0.156	29°212
83.11.14	3	1 11 45.898		29 9 52.02		
83.11.28	4	45.869		52.95		+ 1^{m}.
84.11.10	7	45.919		53.23		
84.11.20	6	45.878		53.78		
87.12. 9	5	45.977		53.28		
752	9.2	3.3057	+0.0241	+19.075	−0.157	29°213
79.12. 1	3	1 11 54.832		29 29 36.25		Z.C. $\delta\,36''.1$
83.11.21	4	54.976		37.03		
83.12.20	3	55.071		35.09		
753	9.1	3.3031	+0.0239	+19.074	−0.157	29°214
79.12. 3	3	1 11 56.132		29 13 7.01		Z.C. $\delta\,6''.9$
79.12.10	3	56.195		6.73		
754	9.3	3.3035	+0.0239	+19.070	−0.157	29°215
80.12.16	3	1 12 6.941		29 12 3.70		Z.C. $\delta\,3''.4$
83.12.12	2	6.884		3.14		
755	8.5	3.2953	+0.0231	+19.070	−0.156	28°218
77.11.12	3	1 12 7.198		28 19 42.28		
81.12. 7	3	7.038		40.95		
83.11.12	4	7.061		43.85		
83.12. 4	5	7.130		43.07		
756	9.3	3.2675	+0.0207	+19.068	−0.158	25°214
78.12.11	1	1 12 10.874		25 14 16.55		
80.12.11	3	11.288		16.58		
757	8.4	3.2983	+0.0233	+19.062	−0.158	28°219
78.12.19	2	1 12 24.034		28 33 33.16		
81.11.23	3	24.192		31.72		
758		Fundamental Star				26°220
759	9.3	3.2851	+0.0222	+19.056	−0.157	26°219
83.11. 9	3	1 12 36.665		27 4 22.22		Z.C. $\delta\,22''.1$
83.11.20	5	36.481		22.17		
83.11.28	3	36.317		21.78		
760	9.2	3.2874	+0.0223	+19.056	−0.157	27°212
77.12.12	2	1 12 37.155		27 18 43.26		*
83.11. 6	5	36.913		43.54		Z.C. $\delta\,43''.4$
83.11.21	3	36.907		43.27		
761	9.0	3.2719	+0.0209	+19.035	−0.158	25°216
78.11. 7	3	1 13 22.259		25 22 48.95		
78.12.11	3	22.129		49.67		
79.12. 1	3	22.055		49.21		
79.12. 3	3	22.247		49.17		
79.12. 4	3	22.264		49.13		
80.12.16	3	22.228		49.18		
81.12. 5	3	22.219		48.72		
762	5.2	3.2992	+0.0231	+19.012	−0.161	27°215
77.12.12	2	1 14 12.996		28 5 2.40		Z.C. $\delta\,2''.5$
78.12.19	1	13.084		3.29		
81.12. 7	3	12.917		1.36		
83.11. 9	3	12.807		1.24		
84.11.10	7	13.027		2.76		
84.11.20	7	12.771		3.87		

763	8^m9	$3^s.3000$	$+0^s.0231$	$+19''.011$	$-0''.162$	28°222
77.11.12	3	$1^h14^m16^s.035$	28° 8′ 51″.06			
81.11.23	3	16.049	49.88			
81.12. 5	2	16.000	51.84			
84.12.15	7	16.053	50.28			
764	8.6	3.2814	+0.0216	+19.010	−0.161	26°221
74.11.10	3	1 14 16.451	26 10 20.72			Z.C. δ 20″.8
77.12.14	3	16.478	20.58			
88.11.13	5	16.572	21.08			
765	9.0	3.3145	+0.0243	+19.009	−0.162	29°219
73.10.28	3	1 14 19.764	29 37 41.81			
79.12. 1	3	19.746	42.06			
766	8.9	3.3003	+0.0231	+19.008	−0.162	28°223
72.11. 6	3	1 14 22.343	28 9 3.07			Z.C. δ 3″.2
77.11.12	2	22.108	3.20			
78.12.19	3	22.229	3.40			
767	9.1	3.2964	+0.0228	+19.004	−0.162	27°216
79.12.10	1	1 14 30.059	27 41 17.54			*
80.12.16	2	29.982	18.03			*
89.11.25	7	30.190	17.62			
768	9.2	3.2717	+0.0207	+19.003	−0.161	24°199
84.11.28	7	1 14 31.832	25 2 11.16			
87.12. 7	5	31.842	10.27			
89.11.12	7	31.708	11.43			
769	9.0	3.2718	+0.0207	+18.995	−0.161	24°201
73.11.28	3	1 14 49.290	24 57 23.59			
73.12.24	3	49.226	24.54			
78.11. 7	3	49.262	23.94			
770	8.6	3.2814	+0.0214	+18.987	−0.162	25°224
73.12.24	2	1 15 7.161	25 55 39.19			
79.12. 3	3	7.164	40.39			
79.12. 4	2	7.401	38.94			B + 10″
771	9.5	3.2778	+0.0210	+18.982	−0.162	25°225
81.11.22	3	1 15 14.477	25 29 16.49			Z.C. δ 16″.4
81.11.29	2	14.530	16.76			
81.12.21	3	14.393	15.80			
772	9.0	3.2812	+0.0213	+18.980	−0.163	25°226
73.11.28	2	1 15 22.099	25 49 27.10			
78.12.11	3	22.061	27.10			
79.12. 2	3	22.425	27.10			
79.12.11	3	22.346	26.42			− 1 int.
81.11.23	3	22.167	26.63			
773	9.4	3.2859	+0.0217	+18.977	−0.163	26°224
81.12. 7	3	1 15 27.957	26 17 19.88			
81.12.22	3	28.104	22.85			
89.11. 8	7	27.993	19.97			
774	9.0	3.3144	+0.0241	+18.977	−0.164	29°222
73.10.28	2	1 15 27.993	29 15 28.21			
77.10.27	3	28.148	29.18			
89.11. 5	7	28.117	27.53			

775	9^m0	$3^s.2828$	$+0^s.0214$	$+18''.976$	$-0''.163$	25°227
79.12.10	3	$1^h15^m30^s.505$	25° 57′ 35″.17			
79.12.18	3	30.558	35.79			
79.12.22	3	30.469	35.30			
776	8.2	3.3042	+0.0232	+18.976	−0.164	28°225
74.12.14	2	1 15 30.754	28 11 54.52			− 1′
89.11. 7	7	30.765	53.90			
777	9.4	3.2859	+0.0217	+18.974	−0.163	26°225
81.12. 7	2	1 15 34.207	26 16 12.86			Z.C. δ 13″.2
81.12.22	1	34.413	13.01			
81.12.23	3	34.519	13.69			
778	8.1	3.2828	+0.0214	+18.969	−0.163	25°228
79.12. 1	3	1 15 45.430	25 54 28.11			Z.C. δ 27″.3
79.12.10	2	45.795	27.69			
79.12.11	2	45.587	27.20			
79.12.22	3	45.520	27.10			
81.12.21	1	45.548	27.20			
83.11. 9	3	45.392	25.99			
83.11.12	7	45.416	27.72			
88.12. 7	7	45.518	27.46			
779	9.4	3.3181	+0.0244	+18.967	−0.165	29°223
88.11. 6	7	1 15 48.708	29 31 21.19			
88.11.20	7	48.933	20.97			
780	8.7	3.3085	+0.0235	+18.965	−0.165	28°227
72.11. 6	3	1 15 53.028	28 32 9.88			Z.C. δ 9″.7
74.12.14	2	52.895	9.86			
77.11.12	3	52.911	9.37			
781	9.1	3.2762	+0.0208	+18.958	−0.164	24°207
86.11.30	7	1 16 6.858	25 4 16.76			
87.12.14	2	6.711	16.74			
782	9.2	3.3199	+0.0244	+18.950	−0.167	29°224
87.12.19	7	1 16 24.480	29 30 39.48			+5′
88.10.30	7	24.683	39.82			
88.12.13	7	24.783	40.50			
783	9.1	3.2931	+0.0221	+18.950	−0.166	26°226
86.11.29	5	1 16 25.179	26 46 30.24			
86.12. 1	5	25.425	30.64			
88.11.13	5	25.172	30.52			
784	8.5	3.2953	+0.0223	+18.949	−0.166	26°227
74.11.10	3	1 16 27.468	26 59 43.22			Z.C. δ 42″.9
77.11.10	3	27.628	43.08			
77.12.14	3	27.516	42.28			
785	8.7	3.3285	+0.0251	+18.944	−0.167	30°213
73.10.28	2	1 16 36.449	30 17 39.87			*
77.10.27	3	36.281	41.35			
88.11.16	7	36.252	41.60			
786	9.2	3.3215	+0.0244	+18.939	−0.168	29°225
86.12.16	7	1 16 48.178	29 33 0.67			
86.12.18	7	48.293	1.48			
88.12. 6	7	48.225	1.21			

787	$9^{m}.2$	$3^{s}.3129$	$+0^{s}.0236$	$+18''.935$	$-0''.168$	28°229
87.12. 6	7	$1^{h}16^{m}55^{s}.474$		28° 39′ 17″.10		
88.10.19	7	55.360		19.87		
88.10.22	7	55.698		17.59		
788	9.1	3.3098	+0.0233	+18.934	−0.167	28°230
72.11. 6	3	1 16 58.278		28 19 43.32		
74.12.14	3	58.228		43.09		
88.11. 9	7	58.396		43.04		
789	8.1	3.2803	+0.0210	+18.933	−0.166	25°232
73.11.28	3	1 17 0.450		25 16 20.10		
73.12.24	3	0.353		21.30		
78.12.11	3	0.281		20.91		
790	9.2	3.2825	+0.0211	+18.933	−0.166	25°233
84.12. 9	7	1 17 0.458		25 29 46.99		
84.12.15	7	0.317		47.99		
84.12.17	7	0.360		49.01		
791	9.5	3.3301	+0.0250	+18.927	−0.168	30°215
93.11.28	7	1 17 12.255		30 15 44.91		
93.12. 1	4	12.228		44.16		
792	8.9	3.2888	+0.0215	+18.922	−0.167	25°234
79.12. 4	3	1 17 22.560		26 3 60.29		
92.12.12	7	22.695		58.97		
93. 1.10	7	22.776		59.39		
793	8.6	3.2975	+0.0223	+18.919	−0.168	26°231
74.11.10	3	1 17 30.044		26 55 39.70		Z.C. δ 39″.8
77.11.10	3	30.146		40.22		
77.12.14	3	30.021		39.48		
794	8.6	3.3200	+0.0241	+18.919	−0.169	29°229
89.11.12	6	1 17 30.468		29 11 21.49		
91.12.11	7	30.707		19.78		
91.12.19	7	30.655		18.50		
92.12. 5	7	30.662		20.59		
795	9.2	3.2808	+0.0209	+18.910	−0.168	25°236
73.12.24	3	1 17 48.448		25 6 0.82		†
796	8.2	3.3111	+0.0234	+18.908	−0.169	28°234
72.11. 6	2	1 17 52.810		28 12 16.95		
74.12.14	3	52.720		17.20		
77.11.12	3	52.784		15.88		
78.12.19	3	52.730		17.98		
85.12. 1	5	52.654		17.20		
86.11.29	4	52.593		16.32		
86.12. 1	5	52.669		16.87		
797	8.7	3.3077	+0.0230	+18.904	−0.169	27°223
77.12.12	3	1 18 0.052		27 49 3.30		-1^{s}
79.12. 3	3	0.220		2.37		
79.12.11	3	0.276		2.23		
79.12.18	3	0.149		1.71		
81.11.22	3	0.143		1.31		
81.11.23	3	0.332		1.22		
81.11.29	3	0.251		1.66		
81.12. 5	3	0.138		1.63		
81.12.21	3	0.193		2.41		
81.12.23	3	0.198		1.07		
798	$9^{m}.3$	$3^{s}.3326$	$+0^{s}.0251$	$+18''.900$	$-0''.170$	— —
87.12.17	7	$1^{h}18^{m}8^{s}.757$		30° 12′ 59″.94		†
799	8.5	3.2893	+0.0215	+18.898	−0.168	25°238
79.12. 1	3	1 18 11.845		25 52 61.02		
79.12.10	3	12.049		60.24		
79.12.18	2	11.953		59.63		
79.12.22	3	11.865		58.92		
81.11.22	3	11.979		58.92		
81.12. 5	2	11.809		59.87		
800	7.7	3.3094	+0.0231	+18.897	−0.169	27°225
79.12.10	1	1 18 14.796		27 55 10.00		
79.12.11	3	14.805		9.72		
80.12.16	3	14.718		10.46		
84.11.10	7	14.916		10.30		
84.11.20	7	14.802		10.60		
801	9.0	3.3101	+0.0231	+18.887	−0.170	27°227
81.11.23	3	1 18 35.737		27 53 21.13		
81.11.29	3	35.683		21.91		
83.11. 6	7	35.715		20.94		
83.11. 9	3	35.725		19.84		
802	8.5	3.2943	+0.0218	+18.881	−0.170	26°233
77.11.10	3	1 18 47.212		26 13 46.00		Z.C. δ 46″.3
77.12.14	3	47.025		47.15		
78.12.14	3	47.214		45.63		
803	9.1	3.3259	+0.0244	+18.880	−0.172	29°233
73.10.28	3	1 18 48.101		29 22 28.07		
79.12. 3	3	48.402		29.01		
81.12. 7	3	48.179		27.95		
81.12.22	3	48.295		28.71		
804	9.1	3.3009	+0.0223	+18.879	−0.171	26°235
85.12. 4	5	1 18 52.009		26 53 24.79		
85.12. 7	3	52.006		26.11		
85.12. 8	5	52.177		25.89		
86.12.20	5	52.345		24.44		
805	8.9	3.3065	+0.0227	+18.877	−0.171	27°228
77.12.12	3	1 18 54.360		27 25 59.74		
79.12.22	3	54.263		58.34		
81.12.21	3	54.338		59.86		
806	8.8	3.2879	+0.0212	+18.876	−0.170	25°240
73.11.28	3	1 18 56.970		25 32 5.88		Z.C. δ 6″.0
73.12.24	3	56.921		6.40		
78.11. 7	3	56.969		6.21		
88.11. 6	7	57.104		5.55		
807	9.5	3.3030	+0.0224	+18.873	−0.171	26°236
74.11.10	3	1 19 3.141		27 2 30.31		Z.C. α $3^{s}.15$
81.11.22	1	3.168		30.87		
808	9.5	3.3048	+0.0224	+18.853	−0.172	26°237
74.11.10	3	1 19 42.849		27 2 19.67		
77.11.10	3	43.038		20.29		
77.12.14	3	42.797		20.05		
809	8.2	3.3035	+0.0224	+18.852	−0.173	26°238
78.12.11	3	1 19 45.205		26 54 0.20		
81.12.23	3	45.399		1.76		
84.12.17	7	45.307		2.90		

810	$9^{\mathrm{m}}1$		$3^{\mathrm{s}}3263$	$+0^{\mathrm{s}}0242$	+18″851	−0″174	29°237
	73.10.28	3	$1^{\mathrm{h}}19^{\mathrm{m}}46^{\mathrm{s}}950$		29° 6′ 42″33		
	77.10.27	3	46.943		42.07		
	79.12. 2	3	47.081		41.20		
	81.12. 7	1	46.844		40.36		*
811	9.1		3.2987	+0.0220	+18.850	−0.172	26°240
	84.12. 9	7	1 19 48.770		26 24 7.15		
	84.12.15	7	48.599		9.19		
	87.12.17	5	48.539		8.04		
812	6.9		3.3007	+0.0221	+18.850	−0.173	26°239
	73.12. 9	2	1 19 49.802		26 35 53.13		
	73.12.11	2	49.775		53.35		
	78.12.14	3	49.611		49.86		hard frost
	89.11.25	7	49.502		50.52		
813	9.2		3.3139	+0.0232	+18.850	−0.174	27°229
	77.12.12	3	1 19 49.981		27 54 16.04		
	79.12.18	3	50.081		16.40		
814	8.5		3.3038	+0.0223	+18.845	−0.173	26°241
	87.12. 7	7	1 19 59.488		26 51 28.42		
	92.12. 5	7	59.598		24.03		
815	8.0		3.2939	+0.0216	+18.845	−0.172	25°246
	73.11.28	3	1 20 0.942		25 51 44.27		Z.C. δ 44″6
	73.12.24	2	0.813		44.31		
	78.11. 7	3	0.930		45.36		
816	8.9		3.3087	+0.0227	+18.840	−0.173	27°231
	79.12. 1	3	1 20 9.136		27 18 9.80		
	79.12.10	2	9.303		8.62		
	79.12.11	3	9.374		8.47		
817	7.0		3.2841	+0.0207	+18.838	−0.172	24°212
	85.12. 1	5	1 20 13.494		24 47 24.45		
	86.11.23	5	13.515		23.92		
	86.11.30	5	13.627		24.91		
818	9.5		3.3060	+0.0224	+18.837	−0.174	26°242
	77.12.14	1	1 20 16.295		27 0 4.34		*
	80.12.16	3	16.684		3.06		Z.C. δ 3″2
	81.11.22	1	16.556		2.08		*
819	8.5		3.3047	+0.0223	+18.835	−0.174	26°243
	74.11.10	2	1 20 20.176		26 51 25.36		Z.C. δ 25″9
	77.11.10	3	20.126		26.39		
	79.12.22	3	19.991		26.55		
	81.11.23	3	20.258		25.08		
	81.11.29	3	19.864		26.79		
	81.12. 5	3	19.987		26.70		
	81.12.23	3	19.903		24.65		
820	7.5		3.3281	+0.0242	+18.834	−0.175	29°239
	73.10.28	3	1 20 21.802		29 7 21.25		
	79.12.11	2	21.764		20.27		
	79.12.22	1	21.722		22.06		
	80.12.16	1	21.816		21.12		
	87.12. 9	7	21.730		21.74		
821	9.2		3.3110	+0.0228	+18.832	−0.174	27°232
	85.12.15	7	1 20 26.030		27 26 51.90		ex. ft.
	86.12.16	5	25.848		51.54		
	86.12.18	5	25.790		50.81		
822	$9^{\mathrm{m}}1$		$3^{\mathrm{s}}2859$	$+0^{\mathrm{s}}0208$	+18″830	−0″173	24°215
	84.11.28	7	$1^{\mathrm{h}}20^{\mathrm{m}}28^{\mathrm{s}}594$		24° 55′ 13″77		
	86.11.29	5	28.469		12.74		
	86.12. 1	5	28.604		12.55		
823	9.1		3.2881	+0.0210	+18.830	−0.173	25°247
	85.12.10	7	1 20 28.650		25 8 41.07		−1′
	87.12. 6	3	28.821		40.43		Z.C. α $28^{\mathrm{s}}72$
	87.12.19	7	28.689		41.91		
824	8.3		3.3364	+0.0248	+18.830	−0.176	29°240
	77.10.27	3	1 20 30.279		29 51 40.99		
	79.12. 1	2	30.137		41.44		
	79.12. 2	3	30.385		40.14		
	79.12. 3	3	30.391		41.83		
	81.12.22	2	30.364		41.23		
825	8.0		3.2883	+0.0209	+18.814	−0.174	24°217
	73.11.28	3	1 21 1.670		25 1 58.43		
	73.12.24	2	1.486		58.74		
	78.11. 7	3	1.613		59.22		
826	9.2		3.2892	+0.0210	+18.811	−0.174	24°218
	85.12. 4	5	1 21 7.264		25 5 21.87		Z.C. δ 22″0
	85.12. 7	5	7.357		22.35		
	85.12. 8	5	7.190		23.16		
	88.10.19	7	7.242		22.42		
	88.10.22	7	7.302		20.17		n.f. of 2
827	7.4		3.3394	+0.0249	+18.805	−0.178	29°243
	73.10.28	1	1 21 19.414		29 54 39.31		
	81.12. 7	3	19.270		37.02		
	84.11.20	7	19.431		39.98		
	86.12.20	5	19.358		38.63		
828	9.1		3.3237	+0.0236	+18.805	−0.177	28°239
	72.11. 6	3	1 21 19.665		28 25 33.49		+5′
	74.12.14	3	19.732		32.41		Z.C. α $19^{\mathrm{s}}75$
	77.11.12	3	19.779		33.50		
	88.12. 6	7	19.816		33.31		
829	9.4		3.3387	+0.0248	+18.786	−0.179	29°245
	73.10.28	1	1 21 55.860		29 39 57.43		
	77.10.27	3	55.961		58.81		
	88.11. 6	7	55.912		57.22		
830	8.7		3.3082	+0.0223	+18.777	−0.177	26°247
	73.12. 9	3	1 22 13.349		26 41 13.75		Z.C. δ 12″9
	73.12.11	3	13.286		12.58		
	77.11.10	3	13.409		12.91		
	77.12.14	3	13.304		12.29		
	88.10.30	7	13.412		12.75		
831	9.0		3.3370	+0.0245	+18.773	−0.179	29°248
	85.12. 1	5	1 22 22.247		29 22 58.88		
	86.11.23	5	22.464		58.68		
	88.11. 9	7	22.392		58.18		
831$^{\mathrm{a}}$	9.0		3.3407	+0.0248	+18.772	−0.180	29°249
	95. 9.19	7	1 22 23.521		29 42 58.55		
	95. 9.20	7	23.669		60.15		
	95. 9.26	7	23.553		59.32		
	95.11.14	7	23.760		58.83		

832	$8^{m}4$	$3^{s}3467$	$+0^{s}0252$	$+18''770$	$-0''180$	30°230
	84.12. 9	7	$1^{h}22^{m}27^{s}233$	$30^{\circ}\,15'\,0''52$		
	84.12.15	7	27.129	0.71		
	88.11.13	7	27.129	0.65		
833	9.5	3.3335	+0.0242	+18.770	−0.179	28°241
	74.12.14	3	1 22 28.520	29 1 32.05		
	87.12.17	5	28.793	29.90		
	88.11.20	5	28.804	31.38		
834	8.5	3.3323	+0.0241	+18.768	−0.179	28°242
	72.11. 6	3	1 22 31.532	28 53 52.20		
	73.11.24	3	31.465	52.33		
	77.11.12	2	31.502	52.11		+ 1^{m}
835	9.0	3.3473	+0.0252	+18.758	−0.181	30°234
	77.10.27	3	1 22 51.787	30 9 28.16		
	86.11.29	5	51.696	26.85		
	86.12. 1	5	51.849	27.78		
836	9.0	3.3414	+0.0247	+18.755	−0.181	29°251
	84.12.16	7	1 22 57.331	29 36 59.97		
	84.12.17	7	57.328	60.38		
	88.11.26	7	57.272	59.22		
	88.12. 7	7	57.406	59.77		
837	8.5	3.3405	+0.0246	+18.751	−0.181	29°252
	85.12.10	7	1 23 6.352	29 30 12.94		
	85.12.15	5	6.373	13.93		
	87.12.14	5	6.387	13.80		
	87.12.19	5	6.370	13.51		
	89.12.10	7	6.421	12.53		
838	8.2	3.3146	+0.0226	+18.749	−0.179	26°248
	74.11.10	3	1 23 8.949	27 3 29.00		Z.C. δ $29''1$
	77.12.14	3	8.790	29.10		
	78.12.11	3	8.761	29.27		
839	8.6	3.3338	+0.0241	+18.749	−0.180	28°244
	73.11.24	3	1 23 8.914	28 51 44.39		Z.C. δ $43''9$
	74.12.14	3	9.085	43.34		
	77.11.12	2	9.127	43.96		
840	8.1	3.3230	+0.0233	+18.748	−0.180	27°236
	84.11.28	6	1 23 11.234	27 50 53.82		
	85.12. 4	5	11.270	53.22		
	85.12. 7	7	11.225	53.66		
	85.12. 8	7	11.144	54.33		
	89.11. 5	7	11.189	52.62		
841	8.6	3.3059	+0.0219	+18.735	−0.180	25°256
	73.11.28	3	1 23 36.309	26 6 15.98		
	73.12.24	3	36.316	15.55		
	78.11. 7	3	36.256	16.32		
842	9.0	3.3086	+0.0221	+18.733	−0.180	26°249
	73.12. 9	3	1 23 38.951	26 21 16.16		Z.C. δ $15''6$
	73.12.11	3	38.907	16.27		
	77.11.10	3	38.849	14.45		
843	9.2	3.3169	+0.0227	+18.732	−0.180	27°237
	84.11.20	7	1 23 41.324	27 8 9.32		Z.C. Ep. 85.9
	86.12.20	5	41.475	5.98		s. of 2

844	$7^{m}0$	$3^{s}2978$	$+0^{s}0212$	$+18''730$	$-0''180$	25°258
	73.11.28	2	$1^{h}23^{m}45^{s}387$	$25^{\circ}\,15'\,60''05$		
	73.12.24	2	45.340	59.55		
	89.11. 8	7	45.218	60.98		
845	8.1	3.3023	+0.0216	+18.730	−0.180	25°257
	79.12. 1	3	1 23 45.841	25 42 12.58		
	79.12. 3	3	45.732	13.52		
	79.12.10	3	45.731	12.86		
	81.11.23	3	45.838	11.56		
	81.11.29	3	45.703	12.50		− 1^{s}
	81.12. 5	3	45.710	13.53		
	81.12.21	3	45.730	12.40		
846	9.4	3.3471	+0.0250	+18.729	−0.182	29°253
	81.12. 7	3	1 23 46.045	29 54 5.67		
	91.12.11	3	46.360	6.13		
847	8.4	3.3040	+0.0216	+18.724	−0.181	25°259
	78.11. 7	3	1 23 56.426	25 50 1.02		Z.C. δ $0''8$
	79.12. 2	3	56.590	0.74		
	79.12. 4	3	56.459	1.20		
	81.11.22	3	56.542	0.29		
848	9.5	3.3390	+0.0244	+18.720	−0.182	28°248
	72.11. 6	3	1 24 4.413	29 5 3.36		†
	88.12. 6	5	4.706	1.21		
849	7.3	3.3362	+0.0241	+18.712	−0.183	28°249
	72.11.20	1	1 24 18.893	28 46 13.59		+ 1^{s}
	73.11.24	3	18.882	13.13		
	74.12.14	3	19.077	13.78		
	89.11.26	7	19.178	11.89		
850	9.4	3.3139	+0.0224	+18.711	−0.182	26°251
	74.11.10	3	1 24 22.314	26 39 40.63		†
851	8.0	3.3510	+0.0252	+18.698	−0.184	29°256
	73.10.28	3	1 24 45.260	29 58 51.20		
	73.10.28	2	45.380	49.99		
	79.12.10	3	45.206	51.39		
	79.12.22	3	45.271	51.25		
	81.12. 7	3	45.081	50.34		
	81.12.22	3	45.256	51.09		
852	9.3	3.3265	+0.0233	+18.698	−0.183	27°241
	85.12. 1	5	1 24 45.744	27 44 47.53		
	86.11.29	5	45.459	46.52		
	86.12. 1	5	45.784	45.83		
853	9.0	3.3186	+0.0227	+18.697	−0.183	26°252
	73.12. 9	3	1 24 48.688	27 0 5.92		Z.C. α $48^{s}60$
	73.12.11	3	48.464	6.22		+5′
	77.11.10	3	48.646	5.07		Z.C. δ $5''7$
854	9.5	3.3135	+0.0223	+18.689	−0.183	— —
	73.12. 9	3	1 25 2.599	26 27 27.35		†
855	9.5	3.3536	+0.0253	+18.687	−0.185	30°238
	93.11.28	7	1 25 8.415	30 6 33.53		
	93.12. 7	2	8.444	28.88		

856	$9^{m}.0$	$3^{s}.3429$	$+0^{s}.0244$	$+18''.671$	$-0''.186$	$28^{\circ}250$
	72.11. 6	3	$1^{h}25^{m}36^{s}.357$	$29^{\circ}\ 1'\ 10''.03$		†
	74.12.14	2	36.371	10.00		
857	9.0	3.3428	+0.0244	+18.671	−0.186	— —
	74.12.14	2	1 25 37.551	29 0 29.29		†
858	9.4	3.3179	+0.0224	+18.666	−0.185	$26^{\circ}253$
	74.11.10	3	1 25 46.150	26 40 56.52		Z.C. δ $56''.2$
	77.12.14	3	46.359	56.61		
	78.12.11	3	46.238	55.56		
859	8.5	3.3160	+0.0222	+18.661	−0.185	$26^{\circ}254$
	73.12.11	3	1 25 55.772	26 26 50.09		
	78.11. 7	3	56.049	49.59		
860	8.9	3.3109	+0.0219	+18.659	−0.185	$25^{\circ}263$
	73.11.28	3	1 25 59.853	25 58 11.81		Z.C. δ $11''.6$
	73.12.24	3	59.807	12.02		
	77.12.24	3	60.070	11.04		
861	9.5	3.3218	+0.0227	+18.656	−0.186	$26^{\circ}255$
	77.11.10	3	1 26 5.823	26 58 2.16		Z.C. δ $1''.8$
	88.11.13	6	5.915	1.25		
	89.11.25	7	5.795	1.95		
862	8.8	3.3139	+0.0229	+18.654	−0.185	$26^{\circ}256$
	77.12.14	2	1 26 9.881	26 11 54.47		Z.C. δ $54''.4$
	88.11.26	7	10.013	54.10		
	88.12. 6	7	10.140	54.71		
863	8.8	3.3256	+0.0229	+18.653	−0.186	$27^{\circ}244$
	77.12.13	1	1 26 11.020	27 17 48.57		*
	84.11.20	7	10.594	49.73		Z.C. δ $49''.1$
	89.11. 5	7	10.633	48.91		
864	9.0	3.3417	+0.0241	+18.650	−0.187	$28^{\circ}252$
	73.11.24	2	1 26 16.619	28 44 18.34		
	74.12.19	2	16.645	18.98		
865	8.5	3.3474	+0.0246	+18.650	−0.188	$29^{\circ}258$
	73.10.28	3	1 26 16.706	29 14 41.56		
	79.12. 1	3	16.654	42.28		
	79.12.22	3	16.681	40.84		
	81.11.22	3	16.644	40.08		
	81.11.23	3	16.791	40.50		
	81.11.29	3	16.612	40.60		
	81.12. 5	3	16.618	41.22		
866	8.9	3.3137	+0.0220	+18.649	−0.186	$26^{\circ}257$
	73.12.11	3	1 26 18.857	26 9 28.35		
	77.11.10	3	18.856	26.06		
	84.12.16	7	18.785	26.35		
	84.12.17	7	18.733	26.97		
867	8.8	3.3405	+0.0240	+18.649	−0.187	$28^{\circ}253$
	72.11.20	3	1 26 18.986	28 37 25.42		
	77.11.12	3	18.959	24.17		
	78.12.19	3	18.848	25.26		
868	8.0	3.3541	+0.0250	+18.639	−0.188	$29^{\circ}260$
	75.12.23	3	1 26 36.041	29 44 49.08		$+1^{m}$
	79.12. 4	3	36.142	47.82		
	79.12.10	2	36.019	48.21		
	79.12.18	2	36.009	47.78		
869	$9^{m}.1$	$3^{s}.3496$	$+0^{s}.0247$	$+18''.638$	$-0''.188$	$29^{\circ}259$
	79.12.10	3	$1^{h}26^{m}38^{s}.717$	$29^{\circ}\ 20'\ 12''.46$		
	81.12.21	3	38.546	12.08		
	81.12.22	3	38.825	11.15		
870	9.5	3.3283	+0.0230	+18.633	−0.188	$27^{\circ}245$
	86.11.30	7	1 26 48.138	27 23 9.00		
	89.12.10	7	48.146	9.13		
871	9.1	3.3427	+0.0241	+18.633	−0.188	$28^{\circ}254$
	85.12. 1	7	1 26 48.456	28 41 6.79		
	85.12.15	7	48.540	6.72		
	89.11.26	7	48.459	6.66		
872	9.1	3.3122	+0.0218	+18.629	−0.187	$25^{\circ}264$
	73.11.28	3	1 26 55.830	25 51 34.54		
	73.12.24	3	56.020	34.66		
872^{a}	9.3	3.3012	+0.0212	+18.625	−0.187	$24^{\circ}232$ A
	85.12. 7	4	1 27 4.425	24 47 44.03		† bad: ex. ft.
873	9.4	3.3016	+0.0211	+18.623	−0.187	$24^{\circ}232$ B
	86.11.29	6	1 27 7.546	24 48 29.04		†
874	8.8	3.3214	+0.0224	+18.622	−0.188	$26^{\circ}259$
	73.12. 9	3	1 27 8.897	26 39 25.17		Z.C. δ $23''.9$
	73.12.11	2	8.733	23.51		
	74.11.10	3	8.836	23.96		
	77.12.14	2	8.902	24.41		
	78.12.14	3	8.934	22.25		
875	Not found on revision 98.12.7; not found on Oxford photograph 97.10. 5: 10′ wrong: see 875^{a}					
875^{a}	9.3	3.3160	+0.0220	+18.605	−0.188	$26^{\circ}261$
	77.11.10	1	1 27 38.723	26 8 55.08		+ 10′
876	8.7	3.3447	+0.0241	+18.600	−0.190	$28^{\circ}257$
	72.11. 6	3	1 27 48.788	28 35 53.03		
	72.11.20	3	48.828	51.82		· §
	73.11.24	3	48.786	52.63		
	74.12.19	3	48.876	53.22		
877	9.1	3.3488	+0.0244	+18.600	−0.191	$28^{\circ}258$
	84.12. 9	7	1 27 49.267	28 56 50.82		
	84.12.15	5	49.083	50.56		
	86.12.20	5	49.259	51.72		s.p. of 2
878	8.1	3.3438	+0.0240	+18.593	−0.190	$28^{\circ}259$
	74.12.14	3	1 28 2.304	28 27 35.30		Z.C. δ $35''.2$
	77.11.12	3	2.237	34.91		
	77.12.10	3	2.276	35.26		
879	9.3	3.3631	+0.0254	+18.592	−0.192	$30^{\circ}243$
	93.12. 2	4	1 28 3.701	30 7 50.84		
	93.12. 9	7	3.985	53.71		
880	Not found on revision; not found on Oxford photograph 92.12.26: 1^{m} wrong: see 872^{a}					

881	9^{m}2	3^{s}3626	+0^{s}0253	+18″586	−0″193	29°265
73.10.28	2	1^{h}28^{m}14^{s}679		30° 1′ 52″01		
75.12.23	3	14.766		50.75		
79.12. 1	3	14.745		50.70		
79.12.11	3	14.850		50.03		d. l.
79.12.18	3	14.908		48.74		
81.11.22	3	14.761		50.67		
81.11.23	3	14.847		49.65		
81.11.29	3	14.727		50.06		
882	9.5	3.3071	+0.0212	+18.586	−0.189	— —
73.11.28	3	1 28 15.099		25 3 43.21		
73.12.24	3	15.283		43.67		
883	9.0	3.3371	+0.0234	+18.585	−0.191	27°247
77.12.12	2	1 28 16.119		27 48 7.83		Z.C. δ 8″0
77.12.13	1	15.928		9.20		+10^{s}
86.11.23	7	16.182		8.00		
88.11.20	7	15.987		6.81		
884	8.6	3.3642	+0.0254	+18.581	−0.193	30°245
92.12. 5	7	1 28 23.376		30 8 3.67		
92.12.12	7	23.411		3.34		
885	7.4	3.3183	+0.0220	+18.578	−0.190	25°265
78.11.17	3	1 28 30.020		26 2 43.69		Z.C. δ 43″7
88.10.19	7	30.049		43.61		
886	9.0	3.3451	+0.0239	+18.573	−0.192	28°261
72.11. 6	3	1 28 38.278		28 25 16.43		Z.C. δ 15″7
72.11.20	3	38.506		15.60		
73.11.24	3	38.403		16.48		
74.12.14	3	38.389		15.33		
77.12.10	3	38.485		14.82		
78.12.19	3	38.337		15.95		
887	7.3	3.3362	+0.0233	+18.572	−0.191	27°248
77.12.12	2	1 28 39.323		27 37 44.02		?double
84.12.16	7	39.271		44.17		Z.C. δ 44″1
84.12.17	7	39.299		44.14		
888	8.8	3.3205	+0.0221	+18.560	−0.191	26°264
73.12. 9	3	1 29 1.284		26 7 16.31		
73.12.11	3	1.300		14.29		
74.11.10	3	1.309		14.15		
75.12.17	3	1.216		14.75		
75.12.22	3	1.098		14.27		
78.12.17	3	1.391		14.61		
889	9.4	3.3609	+0.0250	+18.554	−0.194	29°266
73.10.28	3	1 29 12.057		29 38 23.10		
79.12. 1	3	12.063		21.87		
79.12.11	3	12.302		20.28		
81.11.29	3	12.049		20.88		
81.12. 5	3	12.277		20.78		
890	8.1	3.3268	+0.0225	+18.548	−0.192	26°265
73.12. 9	3	1 29 23.661		26 35 38.98		
73.12.11	3	23.577		37.59		
75.12.17	3	23.454		37.99		
77.12.14	3	23.393		39.02		
78.12.14	3	23.479		35.70		
78.12.17	3	23.465		37.59		
891	9^{m}0	3^{s}3073	+0^{s}0211	+18″545	−0″192	24°237
84.11.20	7	1^{h}29^{m}29^{s}271		24° 47′ 51″99		
85.12. 4	7	29.368		50.66		
85.12. 7	7	29.406		51.71		
85.12. 8	7	29.403		52.35		
88.10.30	7	29.284		52.11		
892	9.3	3.3665	+0.0254	+18.541	−0.195	29°268
85.12.15	7	1 29 36.070		29 59 34.94		†
		The B.D. place is 3^{s}6 earlier				
893	8.2	3.3524	+0.0243	+18.540	−0.194	28°267
72.11. 6	3	1 29 37.350		28 47 48.80		Z.C. δ 48″1
73.11.24	3	37.337		48.32		
74.12.19	3	37.566		48.39		−5^{m}
77.11.12	3	37.562		47.28		
78.12.19	3	37.248		47.78		
894	9.0	3.3145	+0.0216	+18.539	−0.192	25°267
73.11.28	3	1 29 39.231		25 25 7.61		
73.12.24	3	39.392		8.65		
77.12.24	3	39.437		8.54		
88.11. 6	7	39.396		8.70		
895	9.0	3.3572	+0.0246	+18.528	−0.195	29°269
75.11.18	3	1 29 59.328		29 6 51.21		†
896	8.9	3.3311	+0.0226	+18.523	−0.194	26°268
73.12.11	2	1 30 8.838		26 47 45.22		
74.11.10	3	8.948		45.31		
75.12.22	3	8.786		44.31		
78.12.17	2	8.950		43.68		
86.12.20	7	8.951		44.83		
897	9.4	3.3366	+0.0230	+18.522	−0.194	27°253
79.12. 3	1	1 30 10.779		27 17 5.96		*
79.12.10	3	10.813		6.76		
81.12.21	3	10.888		6.98		
898	9.0	3.3689	+0.0254	+18.519	−0.197	29°270
85.12. 1	7	1 30 16.144		30 2 21.30		
85.12.10	7	15.974		21.26		
899	9.1	3.3345	+0.0229	+18.517	−0.195	26°270
73.12. 9	2	1 30 18.385		27 3 62.53		
77.11.10	3	18.270		60.21		
77.12.14	3	18.254		60.55		
78.12.14	3	18.375		59.85		
900	9.0	3.3574	+0.0245	+18.515	−0.196	28°270
73.10.28	3	1 30 22.342		29 2 37.82		
79.12.18	3	22.420		36.58		
79.12.22	3	22.541		36.94		
81.12.22	3	22.662		36.92		+5′
901	9.1	3.3684	+0.0253	+18.508	−0.197	29°271
84.12. 9	7	1 30 35.054		29 54 52.04		Z.C. δ 52″7
84.12.15	7	34.939		52.02		
86.11.29	7	34.892		52.90		
86.12. 1	7	34.875		53.86		
902	9.3	3.3409	+0.0233	+18.502	−0.196	27°256
77.12.13	2	1 30 45.550		27 31 26.03		
79.12.22	3	45.363		25.04		
81.11.29	3	45.328		25.96		
81.12. 5	3	45.668		25.30		

903	$8^{\mathrm{m}}0$	$3^{\mathrm{s}}3162$	$+0^{\mathrm{s}}0215$	+18″495	−0″195	25°269
	73.11.28	3	$1^{\mathrm{h}}30^{\mathrm{m}}58^{\mathrm{s}}616$	25° 15′ 59″12		Z.C. δ 59″2
	73.12.22	3	58.710	59.83		
	77.12.24	3	58.686	58.96		
	88.11.20	7	58.797	58.92		
904	8.1	3.3725	+0.0255	+18.495	−0.198	30°252
	73.10.28	2	1 30 58.738	30 9 5.82		Z.C. α $58^{\mathrm{s}}83$
	75.11.18	1	58.801	5.67		
	75.12.23	3	58.745	6.08		
	88.11. 9	7	59.028	6.41		
905	9.3	3.3476	+0.0237	+18.491	−0.197	27°258
	77.12.12	2	1 31 5.227	28 1 36.32		
	79.12. 3	3	5.108	37.70		
	79.12.18	3	5.022	37.14		
	88.12. 6	7	4.956	37.00		
906	8.8	3.3590	+0.0245	+18.484	−0.198	28°271
	72.11. 6	3	1 31 18.601	28 56 18.60		Z.C. δ 17″2
	72.11.20	3	18.476	17.35		
	73.11.24	3	18.458	16.90		
	77.12.10	3	18.742	15.97		
907	9.0	3.3292	+0.0224	+18.481	−0.197	26°273
	73.12. 9	3	1 31 23.842	26 19 54.69		Z.C. α $23^{\mathrm{s}}75$
	73.12.11	3	23.666	53.87		+5′
	74.11.10	3	23.724	53.06		
	77.12.14	3	23.713	52.97		
	81.11.23	3	23.784	52.23		
908	8.5	3.3509	+0.0239	+18.478	−0.198	28°273
	73.11.24	1	1 31 27.758	28 12 31.92		
	74.12.14	3	27.612	30.69		
	74.12.19	3	27.520	31.12		
	77.11.12	3	27.451	31.15		
	78.12.19	3	27.540	30.93		
909	8.8	3.3246	+0.0219	+18.465	−0.198	25°271
	73.11.28	3	1 31 51.403	25 48 40.64		
	73.12.22	3	51.498	40.42		
	73.12.24	3	51.384	40.43		
	77.12.24	3	51.445	38.80		
910	8.8	3.3268	+0.0221	+18.464	−0.198	25°272
	75.12.17	3	1 31 52.490	26 0 29.39		
	75.12.22	1	52.670	28.81		
	78.12.14	3	52.518	28.99		
	88.10.22	7	52.425	30.53		
911	9.5	3.3271	+0.0221	+18.462	−0.198	— —
	75.12.22	2	1 31 57.260	26 1 13.55		†
912	9.2	3.3395	+0.0229	+18.458	−0.198	26°274
	92.12. 5	7	1 32 3.621	27 4 25.46		
	93. 1.10	5	3.552	26.69		
913	9.0	3.3675	+0.0250	+18.458	−0.200	29°277
	79.12. 4	3	1 32 3.770	29 27 17.45		Z.C. Ep. 85.9
	91.12.11	7	3.966	15.04		
914	9.1	3.3309	+0.0223	+18.454	−0.198	26°276
	75.12.17	2	1 32 10.688	26 17 56.66		
	79.12.18	3	10.681	55.39		+ 1′
	81.11.23	3	10.516	56.05		
915	$9^{\mathrm{m}}1$	$3^{\mathrm{s}}3258$	$+0^{\mathrm{s}}0220$	+18″454	−0″198	— —
	73.11.28	2	$1^{\mathrm{h}}32^{\mathrm{m}}11^{\mathrm{s}}222$	25° 50′ 29″53		
	73.12.24	2	11.383	30.73		
916	7.2	3.3405	+0.0230	+18.452	−0.198	27°261
	77.12.12	2	1 32 14.692	27 7 18.62		
	79.12. 2	3	14.655	18.38		
	79.12.11	3	14.658	19.02		
	79.12.22	3	14.731	18.44		
917	9.0	3.3345	+0.0225	+18.444	−0.199	26°278
	73.12. 9	1	1 32 28.633	26 32 31.98		Z.C. δ 31″1
	73.12.11	3	28.758	30.60		
	78.11. 7	3	28.560	30.93		
	78.12.17	3	28.773	31.01		
918	7.8	3.3453	+0.0233	+18.442	−0.199	27°262
	77.12.13	3	1 32 31.583	27 28 11.65		
	79.12. 1	3	31.413	12.06		
	79.12. 2	3	31.748	11.17		
	81.12. 5	3	31.436	13.47		
919	8.4	3.3691	+0.0250	+18.439	−0.201	29°279
	73.10.28	3	1 32 37.642	29 27 3.43		
	79.12. 4	3	37.535	3.24		
	80.12.16	3	37.489	2.35		
	81.11.29	3	37.623	3.00		
	81.12.21	3	37.401	2.50		
	85.12.15	4	37.618	3.00		
920	9.0	3.3735	+0.0253	+18.431	−0.202	29°280
	75.11.18	3	1 32 50.598	29 45 31.39		
	79.12. 1	3	50.402	30.79		
	81.11.22	3	50.273	30.17		
	88.10.30	7	50.313	31.39		
921	8.9	3.3752	+0.0253	+18.430	−0.202	29°281
	75.12.23	3	1 32 51.986	29 53 38.43		
	81.12.22	3	52.074	37.54		
	83.11. 6	4	51.976	37.57		
	88.11. 6	7	51.907	38.29		
922	8.7	3.3492	+0.0235	+18.425	−0.201	27°264
	77.12.12	2	1 33 0.999	27 41 31.55		Z.C. δ 31″1
	79.12.10	3	1.068	31.06		
	79.12.22	3	0.924	30.45		
	88.11.13	7	1.025	31.41		
923	8.7	3.3281	+0.0220	+18.424	−0.200	25°274
	73.11.28	2	1 33 3.172	25 50 53.24		*
	73.12.24	1	3.521	53.79		*
	77.12.24	3	3.369	52.30		
	81.12.23	3	3.334	51.07		
924	8.3	3.3533	+0.0237	+18.416	−0.202	27°266
	77.12.13	3	1 33 16.891	27 57 57.10		Z.C. δ 56″9
	81.11.22	3	16.770	56.65		
	83.11.14	3	16.709	56.89		
925	9.4	3.3695	+0.0249	+18.410	−0.203	29°284
	75.12.23	3	1 33 27.729	29 16 28.69		
	81.11.29	2	27.847	28.25		
	81.12. 5	3	27.779	29.45		
	81.12.21	3	27.752	28.26		

926	$9^{m}.0$	$3^{s}.3673$	$+0^{s}.0246$	$+18''.403$	$-0''.203$	28°277
72.11. 6	3		$1^{h}33^{m}39^{s}.836$	29° 2′ 39″.24		Z.C. δ 38″.6
72.11.20	3		39.947	38.74		
73.11.24	3		39.939	38.15		
74.12.14	3		39.874	37.60		
77.12.10	3		39.955	38.78		
78.12.19	3		39.947	39.34		
927	9.1	3.3422	+0.0229	+18.401	−0.201	26°279
84.11.20	7		1 33 42.710	26 55 35.03		
84.12. 9	7		42.974	33.35		$+0^{s}.1$
84.12.15	7		42.767	32.88		
928	8.8	3.3480	+0.0233	+18.391	−0.202	27°269
77.12.12	2		1 34 0.397	27 21 6.23		Z.C. δ 6″.1
79.12. 1	3		0.374	6.16		
79.12.10	3		0.381	6.33		
81.12.22	3		0.530	5.57		
929	8.7	3.3544	+0.0237	+18.385	−0.203	27°270
77.12.13	3		1 34 10.590	27 50 55.36		
79.12.22	3		10.349	55.22		
92.12.12	7		10.330	54.02		
92.12.13	7		10.353	54.62		
930	9.0	3.3622	+0.0242	+18.384	−0.204	28°280
72.11. 6	3		1 34 11.494	28 30 6.66		Z.C. δ 6″.5
72.11.20	3		11.714	6.30		
73.11.24	3		11.640	7.18		
74.12.14	3		11.647	6.92		
77.12.10	3		11.621	5.32		
931	6.3	3.3229	+0.0215	+18.379	−0.202	25°276
73.11.28	3		1 34 20.209	25 6 49.62		
73.12.24	2		20.372	48.12		
77.12.24	3		20.296	47.82		
88.11. 9	7		20.394	49.08		
932	6.0	3.3746	+0.0250	+18.370	−0.205	29°286
73.10.28	3		1 34 35.666	29 24 50.28		
75.11.18	3		35.691	50.48		
75.12.23	3		35.870	50.44		
85.12.15	5		35.605	50.62		
88.12. 6	7		35.653	51.15		
933	8.5	3.3457	+0.0230	+18.368	−0.204	26°281
92.12. 5	7		1 34 39.001	27 2 52.92		$+10^{s}$
93.12. 1	7		38.671	51.44		
93.12. 2	7		38.748	53.00		
93.12. 7	7		38.618	53.30		
934	8.9	3.3337	+0.0222	+18.366	−0.203	25°278
73.12. 9	3		1 34 42.168	25 58 4.42		
73.12.11	3		42.173	2.82		
73.12.22	3		41.991	2.21		
75.12.22	3		42.033	2.01		
78.12.14	3		42.118	1.87		
84.12.16	7		42.217	2.17		
84.12.17	7		41.985	1.59		
935	8.6	3.3519	+0.0234	+18.362	−0.204	27°271
79.12. 3	3		1 34 48.930	27 29 35.05		+15′
79.12.18	3		48.972	33.84		
81.12.23	3		48.749	31.80		
83.11. 6	4		48.821	33.72		
83.11.14	7		48.903	33.90		
936	$8^{m}.6$	$3^{s}.3633$	$+0^{s}.0242$	$+18''.362$	$-0''.205$	28°281
74.12.19	3		$1^{h}34^{m}50^{s}.210$	28° 26′ 0″.72		Z.C. α $50^{s}.13$
78.12.19	3		50.012	1.34		
88.11.20	7		50.162	1.06		
937	8.9	3.3324	+0.0220	+18.360	−0.204	25°279
73.12.22	3		1 34 53.248	25 48 49.42		
79.12.10	3		53.330	49.18		
79.12.11	3		53.533	47.98		
938	9.0	3.3291	+0.0218	+18.359	−0.204	25°280
73.11.28	1		1 34 55.414	25 31 11.20		
79.12. 4	3		55.534	11.56		
79.12.22	1		55.440	11.68		
81.12. 5	2		55.386	12.12		
81.12.21	2		55.321	11.97		
81.12.22	3		55.358	11.98		
939	7.5	3.3693	+0.0246	+18.354	−0.206	28°282
73.11.24	2		1 35 3.004	28 52 24.29		Z.C. δ 23″.8
74.12.14	3		3.045	24.13		
74.12.19	2		2.912	23.25		
77.12.10	2		3.124	23.37		
940	8.3	3.3767	+0.0251	+18.354	−0.206	29°288
75.11.18	2		1 35 4.071	29 27 49.10		
75.12.23	1		4.130	49.11		
941	9.5	3.3389	+0.0224	+18.346	−0.205	— —
73.12.11	2		1 35 17.487	26 16 38.01		†
942	8.8	3.3718	+0.0245	+18.318	−0.208	28°285
72.11. 6	3		1 36 3.810	28 49 56.10		
72.11.20	3		3.818	55.57		
73.11.24	1		3.663	57.33		
74.12.14	2		3.849	55.61		
87.12.19	7		3.779	56.96		
943	9.1	3.3552	+0.0233	+18.312	−0.207	27°274
72.12. 9	3		1 36 15.138	27 25 40.91		
72.12.11	3		15.202	42.11		
77.12.12	2		15.173	43.05		
77.12.13	3		15.256	42.10		
944	9.2	3.3268	+0.0214	+18.308	−0.206	24°252
84.12. 9	5		1 36 20.572	25 0 29.15		
84.12.15	7		20.469	28.56		
86.12.18	7		20.720	28.48		v. ft.
945	9.3	3.3471	+0.0228	+18.297	−0.208	26°284
84.11.20	7		1 36 38.590	26 40 39.84		
85.12. 4	7		38.535	38.23		
85.12. 7	7		38.589	38.92		
85.12. 8	5		38.667	38.72		
88.10.30	7		38.642	37.67		
946	9.1	3.3710	+0.0243	+18.284	−0.210	28°286
72.11. 6	3		1 37 0.947	28 33 12.28		Z.C. δ 12″.7
72.11.20	3		0.983	12.28		
77.12.10	3		0.906	13.55		

947 9^{m}3 3^{s}3694 +0^{s}0241 +18″269 −0″210 28°288

85.12. 1	7	1^{h}37^{m}26^{s}160	28° 19′ 12″62	
86.11.30	7	26.225	13.35	
86.12.20	5	26.157	13.63	
88.11.13	7	25.882	12.84	

948 9.5 3.3314 +0.0216 +18.263 −0.208 25°285

73.11.28	2	1 37 35.884	25 8 19.32	
73.12.22	3	35.906	19.08	
73.12.24	3	35.832	19.14	
88.11. 6	4	36.085	17.62	

949 9.3 3.3702 +0.0242 +18.259 −0.210 28°289

84.12.16	7	1 37 43.428	28 19 12.37	
84.12.17	7	42.920	10.72	
88.10.22	7	43.136	10.81	

950 7.7 3.3645 +0.0237 +18.255 −0.211 27°277

72.12. 9	3	1 37 48.719	27 49 43.16	Z.C. δ 44″7
72.12.11	3	48.595	44.49	
73. 1. 2	3	48.770	45.23	
77.12.12	3	48.632	45.30	
77.12.13	3	48.604	45.39	

951 7.4 3.3323 +0.0217 +18.255 −0.209 25°288

73.11.28	3	1 37 49.755	25 10 8.61	
73.12.22	3	49.906	9.33	
73.12.24	3	49.763	8.77	
88.12. 7	7	49.908	8.34	

952 9.1 3.3455 +0.0225 +18.253 −0.210 26°286

73.12. 9	3	1 37 52.746	26 15 36.67	
73.12.11	3	52.759	35.83	− 1′
75.12.17	3	52.737	35.79	
87.12. 6	7	52.721	34.42	

953 9.2 3.3477 +0.0226 +18.249 −0.210 26°287

85.12.10	5	1 37 58.768	26 25 4.74	
88.11.16	7	58.796	4.00	
88.11.20	7	58.757	1.50	

954 7.9 3.3683 +0.0240 +18.246 −0.211 28°292

72.11. 6	3	1 38 3.401	28 6 27.23	+ 1′
72.11.20	3	3.546	26.50	
74.12.14	3	3.434	26.29	
77.11.19	3	3.626	27.41	
77.12.10	2	3.527	26.80	

Z.C. δ 28°6′26″8

955 9.1 3.3414 +0.0222 +18.246 −0.210 25°290

77.12.24	3	1 38 4.503	25 52 20.37	Z.C. α 4^{s}54
79.12.10	3	4.453	21.87	
81.11.29	3	4.521	20.09	
81.12. 5	3	4.534	22.84	
81.12.21	3	4.695	21.68	

956 9.1 3.3626 +0.0236 +18.243 −0.211 27°278

85.12. 8	5	1 38 8.609	27 36 36.05	
85.12.15	7	8.731	35.41	
88.11.22	7	8.551	37.43	
88.11.26	7	8.719	36.24	
88.12. 6	7	8.755	36.88	

957 8^{m}7 3^{s}3527 +0^{s}0229 +18″241 −0″211 26°288

73.12. 9	3	1^{h}38^{m}12^{s}974	26° 47′16″65	
75.12.22	3	12.772	15.81	
78.12.14	3	12.876	14.94	

958 9.0 3.3642 +0.0236 +18.230 −0.213 27°279

72.12.11	3	1 38 30.761	27 39 38.06	
73. 1. 2	3	31.005	39.25	
73.12.16	2	30.865	38.40	
77.12,12	2	31.064	39.01	

959 8.4 3.3500 +0.0227 +18.229 −0.211 26°290

75.12.22	3	1 38 33.204	26 29 29.67	
78.12.11	3	33.195	30.78	
78.12.17	3	33.053	30.52	

960 9.2 3.3855 +0.0250 +18.228 −0.213 29°295

75.11.18	3	1 38 33.895	29 19 43.01	
75.12.23	3	33.896	42.85	+ 1^{m}
87.12.19	5	34.049	41.38	

961 9.0 3.3482 +0.0225 +18.227 −0.211 26°291

73.12.11	1	1 38 36.479	26 19 18.51	Z.C. δ 17″2
75.12.17	3	36.407	16.76	
78.11. 7	3	36.439	16.40	

962 8.6 3.3421 +0.0221 +18.218 −0.212 25°293

73.11.28	3	1 38 50.271	25 46 21.25	
73.12.22	2	50.253	21.30	
73.12.24	3	50.308	19.99	
77.12.24	3	50.374	20.07	

963 8.7 3.3765 +0.0244 +18.214 −0.214 28°293

72.11.20	3	1 38 57.189	28 32 12.03	
73.11.24	3	57.226	11.68	
74.12.19	3	57.136	11.49	

964 9.0 3.3976 +0.0258 +18.208 −0.215 30°272

79.12.11	2	1 39 7.005	30 8 11.81	
79.12.18	3	6.823	12.20	
81.12.23	3	6.940	9.86	

965 9.1 3.3624 +0.0234 +18.207 −0.213 27°280

84.12. 9	7	1 39 7.856	27 22 17.89	
84.12.15	7	7.551	17.53	
88.11. 9	7	7.686	16.88	

966 8.7 3.3828 +0.0247 +18.197 −0.215 28°294

72.11. 6	3	1 39 24.813	28 55 28.03	+ 5′
73.11.24	3	24.832	28.56	
74.12.19	3	24.975	28.68	
78.12.19	2	24.672	28.00	
86.12.20	5	24.908	28.55	

967 9.0 3.3833 +0.0248 +18.197 −0.215 28°295

74.12.14	3	1 39 25.039	28 58 3.37	
88.11. 6	5	25.272	3.91	

968 8.3 3.3993 +0.0259 +18.192 −0.216 30°273

75.12.23	3	1 39 32.506	30 9 61.14	
79.12. 4	3	32.421	62.17	
80. 1.12	3	32.404	59.65	
81.12.22	3	32.323	60.26	
81.12.23	2	32.181	60.73	

969	8^{m}7	3^{s}3915	+0^{s}0253	+18"192	−0"216	29°300
79.12.10	3	1^{h}39^{m}33^{s}486	29° 34′ 3"96	Z.C. δ 3"8		
79.12.22	3	33.451	3.72			
83.11. 6	4	33.321	3.63			
970	8.9	3.3840	+0.0248	+18.190	−0.216	28°297
74.12.14	3	1 39 35.909	28 59 8.75	Z.C. δ 8"4		
77.11.19	3	35.968	9.20	D − 5"		
77.12.10	2	35.966	7.40			
78.12.19	3	35.968	8.17			
971	8.1	3.3387	+0.0217	+18.183	−0.213	25°295
73. 1. 3	3	1 39 47.149	25 17 44.99			
73.11.28	2	47.154	44.23			
73.12.24	2	47.198	43.65			
77.12.24	3	47.155	43.77			
972	9.1	3.3987	+0.0257	+18.178	−0.217	29°302
75.11.18	3	1 39 55.351	30 1 58.34			
79.12.10	3	55.506	58.20			
79.12.11	2	55.484	56.57			
81.11.29	3	55.317	56.88			
81.12. 5	3	55.325	57.36			
973	7.0	3.3424	+0.0219	+18.173	−0.214	25°297
73.12.22	3	1 40 3.886	25 32 33.94	Z.C. δ 33"5		
77.12.24	1	3.934	32.25			
84.11.20	7	3.766	34.24			
974	9.0	3.3461	+0.0221	+18.166	−0.214	25°298
84.12.16	7	1 40 14.820	25 48 23.58			
84.12.17	7	14.488	23.12			
86.12. 1	5	14.623	23.65			
86.12.18	7	14.683	22.85			
975	9.2	3.3517	+0.0225	+18.162	−0.215	26°294
78.11. 7	3	1 40 20.899	26 14 19.30	Z.C. δ 18"5		
85.12. 1	7	21.129	18.29			
85.12.10	7	20.962	18.71			
87.12.19	5	20.960	17.70			
976	9.2	3.3605	+0.0230	+18.159	−0.216	26°297
73.12. 9	2	1 40 27.261	26 55 42.42			
75.12.17	3	27.040	41.67			
75.12.22	3	27.057	40.71			
78.12.17	3	27.174	42.59			
977	8.4	3.3728	+0.0239	+18.151	−0.217	27°282
72.12. 9	3	1 40 38.933	27 51 40.38			
72.12.11	3	38.997	40.16			
73. 1. 2	3	38.970	41.98			
73.12.16	3	38.953	39.54			
978	9.1	3.3677	+0.0234	+18.148	−0.217	27°283
77.12.12	3	1 40 44.842	27 26 36.21	Z.C. δ 35"6		
77.12.13	3	44.854	36.11			
79.12.18	3	44.779	34.96	§		
79.12.22	3	44.748	35.35			
81.12.21	3	44.931	34.91			
979	8.8	3.3663	+0.0234	+18.140	−0.217	27°284
79.12. 4	3	1 40 56.442	27 17 32.47			
79.12.10	2	56.576	33.32			
79.12.11	3	56.448	31.71			
88.12. 6	7	56.541	32.67			
980	9^{m}4	3^{s}4045	+0^{s}0259	+18"140	−0"220	30°278
75.11.18	3	1^{h}40^{m}57^{s}321	30° 13′ 60"58			
75.12.23	3	57.425	60.13			
79.12.18	3	57.393	60.40			
81.11.29	3	57.498	60.14			
83.11.19	4	57.346	58.68			
87.12. 6	5	57.630	58.98			
88.11.22	7	57.419	60.16			
88.11.26	5	57.480	60.29			
981	9.3	3.3366	+0.0215	+18.136	−0.215	24°263
85.12. 8	7	1 41 3.520	24 51 38.48			
86.11.30	5	3.635	37.33			
86.12.20	3	3.709	36.39			
982	8.5	3.3468	+0.0228	+18.128	−0.216	25°303
73.11.28	3	1 41 16.137	25 37 50.24			
73.12.22	3	16.164	50.53			
73.12.24	3	16.089	50.14			
88.11.20	7	16.205	50.72			
983	8.3	3.4046	+0.0259	+18.125	−0.221	30°280
79.12.22	3	1 41 21.203	30 9 18.64	Z.C. δ 18"3		
80. 1.12	3	21.202	17.06			
83.11.14	3	21.231	19.17			
984	8.7	3.3872	+0.0246	+18.124	−0.220	28°300
72.11. 6	3	1 41 23.204	28 49 38.95			
72.11.20	3	23.233	38.11			
73.11.24	3	23.169	38.42			
77.11.19	3	23.310	38.78			
77.12.10	2	23.264	37.60			
985	9.3	3.3985	+0.0254	+18.116	−0.221	29°305
80.12.16	3	1 41 35.700	29 38 1.48			
81.12.23	3	35.520	0.47			
83.11. 6	4	35.462	1.66			
83.11.21	3	35.476	1.08			
986	9.2	3.3812	+0.0243	+18.108	−0.220	28°301
72.11. 6	3	1 41 48.022	28 16 17.12			
72.11.20	3	47.929	16.50			
73.11.24	3	47.929	17.42			
88.11. 6	5	47.979	15.79			
987	9.5	3.3511	+0.0223	+18.106	−0.218	25°304
73.12.24	1	1 41 50.972	25 52 57.08			
87.12.19	4	50.868	55.18			
988	8.9	3.4028	+0.0257	+18.106	−0.222	29°307
75.12.23	3	1 41 51.909	29 53 47.86			
80. 1.12	3	52.013	45.28			
81.12.22	3	51.937	46.29			
989	9.0	3.3737	+0.0237	+18.097	−0.220	27°286
72.12. 9	3	1 42 5.488	27 37 16.06			
72.12.11	3	5.532	15.09			
73. 1. 2	3	5.733	16.96			
73.12.16	3	5.605	14.80			
990	6.7	3.3522	+0.0223	+18.084	−0.219	25°305
73. 1. 3	3	1 42 26.562	25 50 60.53			
73.11.28	3	26.518	59.44			
77.12.24	3	26.533	59.77			
80. 1.12	1	26.586	59.75			
81.12. 5	3	26.475	60.89			
		Z.C. δ 25°51′0"1				

991	$8^m.4$	$3^s.3805$	$+0^s.0240$	$+18''.083$	$-0''.221$	27°287
84.12. 9	7	$1^h42^m27^s.743$		$28°\ 4'\ 13''.81$		
84.12.15	7	27.827		13.51		
88.10.22	7	27.824		13.71		
992	8.3	3.3682	+0.0233	+18.079	−0.220	26°301
73.12.16	3	1 42 35.333		27 5 1.20		
77.12.12	3	35.306		1.91		
78.12.14	3	35.427		1.41		
78.12.17	2	35.579		1.01		
79.12.18	3	35.286		1.39		
81.11.29	3	35.231		1.79		
81.12.21	3	35.449		1.50		
993	8.1	3.3445	+0.0217	+18.065	−0.220	25°307
73.12.22	3	1 42 55.740		25 7 30.62		
73.12.24	1	55.714		30.49		
79.12.11	3	55.956		29.03		
994	8.8	3.3454	+0.0218	+18.065	−0.220	25°308
83. 1.20	3	1 42 56.542		25 11 48.73		Z.C. δ 49″.5
83.11.14	4	56.480		49.38		Z.C. Ep. 83.7
83.11.28	3	56.320		49.02		
83.12. 4	3	56.535		50.85		
995	8.0	3.3661	+0.0231	+18.065	−0.221	26°303
73.12. 9	3	1 42 56.643		26 50 35.04		
78.12.11	3	56.546		34.14		
79.12.10	3	56.660		34.72		
996	9.2	3.3611	+0.0227	+18.063	−0.220	26°304
78.12.17	3	1 42 59.581		26 26 20.76		
88.10.30	7	59.588		19.89		
91.12.11	7	59.866		19.84		
997	9.3	3.3615	+0.0227	+18.063	−0.220	26°305 A
75.12.22	3	1 43 0.158		26 28 36.61		†
998	9.3	3.3615	+0.0227	+18.062	−0.220	26°305 B
75.12.22	2	1 43 0.708		26 28 54.29		
85.12. 1	5	0.708		54.00		d.n.f.
999	8.3	3.3923	+0.0248	+18.061	−0.223	28°304
73.11.24	3	1 43 2.168		28 50 40.17		
74.12.14	3	2.288		40.35		
74.12.19	3	2.493		40.09		
1000	9.4	3.4095	+0.0259	+18.061	−0.224	30°284
83.12.12	3	1 43 2.701		30 7 49.83		†Z.C. δ 49″.8
1001	8.3	3.3611	+0.0227	+18.057	−0.220	26°307
81.12.22	3	1 43 9.448		26 24 43.60		Z.C. δ 42″.3
83.11.19	3	9.454		40.81		
83.12.14	4	9.413		42.35		
1002	9.0	3.3859	+0.0243	+18.056	−0.222	28°306
72.11. 6	3	1 43 10.210		28 20 13.21		
95. 9.19	5	10.129		12.25		
95. 9.20	6	10.086		14.97		v. diffuse
95.11.18	7	9.808		15.31		
1003	$9^m.2$	$3^s.3624$	$+0^s.0228$	$+18''.056$	$-0''.221$	26°306
84.12.17	6	$1^h43^m10^s.340$		$26°\ 30'\ 27''.67$		+ 25′
86.11.30	7	10.534		28.37		
86.12.20	5	10.521		29.39		
88.11.16	7	10.351		27.43		
1004	8.0	3.4108	+0.0260	+18.053	−0.224	30°287
79.12.22	3	1 43 15.558		30 10 59.22		Z.C. δ 58″.5
81.12.23	3	15.316		57.47		
83.11.20	3	15.575		58.87		
1005	8.1	3.4125	+0.0261	+18.051	−0.225	30°288
79.12. 3	3	1 43 19.415		30 17 11.42		
83. 1.20	2	19.323		11.18		
87.12. 6	7	19.451		13.10		
88.12. 7	7	19.506		12.76		
1006	8.6	3.4069	+0.0257	+18.045	−0.225	29°309
75.12.23	3	1 43 27.969		29 51 3.81		Z.C. δ 3″.8
83.11.21	3	27.845		4.38		
86.12. 1	5	27.946		3.18		
1007	8.8	3.3736	+0.0234	+18.045	−0.222	27°288
72.12. 9	3	1 43 28.632		27 18 48.20		
72.12.11	3	28.615		47.98		
77.12.13	2	28.776		48.52		
1008	8.7	3.3866	+0.0243	+18.044	−0.223	28°308
72.11.20	3	1 43 29.016		28 19 2.37		
73.11.24	1	29.159		3.27		
74.12.14	2	29.113		2.46		
79.12.11	2	29.201		1.34		
83.11.29	3	29.107		2.84		
1009	9.2	3.3741	+0.0234	+18.041	−0.222	27°289
83.12. 4	2	1 43 34.588		27 19 56.60		Z.C. δ 56″.4
88.11. 9	7	34.612		56.16		
1010	9.2	3.3863	+0.0243	+18.036	−0.224	28°309
83.11. 6	4	1 43 41.668		28 15 21.67		Z.C. Ep. 88.4
92.12. 5	5	41.981		19.75		-4^s
1011	9.3	3.4052	+0.0255	+18.034	−0.225	29°311
81.12.21	3	1 43 44.467		29 39 42.99		†
1012	9.2	3.3457	+0.0216	+18.033	−0.222	24°266
85.12. 8	5	1 43 46.586		25 3 38.14		
88.11.13	5	46.418		36.62		
1013	9.3	3.4062	+0.0255	+18.026	−0.226	29°313
92.12.12	2	1 43 57.492		29 41 6.92		
92.12.13	7	57.646		8.55		
1014	7.7	3.3483	+0.0218	+18.026	−0.222	25°311
81.12. 5	3	1 43 58.380		25 13 52.37		Z.C. δ 51″.2
83.12.14	4	58.277		49.93		
1015	9.0	3.3539	+0.0221	+18.023	−0.222	25°312
81.12.22	3	1 44 1.966		25 39 20.68		
83.11.14	3	2.079		20.15		
1016	9.0	3.3542	+0.0221	+18.013	−0.223	25°313
81.12.23	3	1 44 18.269		25 37 35.00		Z.C. δ 34″.3
83.11.20	4	18.348		33.13		
83.11.29	3	18.460		34.82		

1017	8^{m}5	3^{s}4083	+0^{s}0255	+18″006	−0″227	29°316
88.12.13	7	1^{h}44^{m}28^{s}302		29° 43′ 23″24		
95. 9.26	7	28.044		22.66		
95. 9.27	7	28.166		23.85		
95.11.14	7	28.000		22.21		
1018	8.2	3.3555	+0.0221	+17.977	−0.224	25°314
81.11.29	3	1 45 13.546		25 32 57.85		Z.C. δ 56″3
83.11.19	3	13.495		54.79		
83.11.21	3	13.605		56.40		
1019	9.0	3.3467	+0.0216	+17.973	−0.225	24°269
84.12.15	7	1 45 20.289		24 50 12.01		
89.12.10	6	20.394		12.79		
1020	8.6	3.3605	+0.0224	+17.960	−0.226	25°316
83. 1.20	3	1 45 40.993		25 51 35.56		Z.C. δ 35″7
83.11.28	3	40.854		34.52		
83.12. 4	3	41.138		37.16		
1021	9.1	3.3801	+0.0235	+17.956	−0.227	27°293
72.12. 9	3	1 45 46.987		27 20 38.26		
81.12.21	3	47.081		39.57		
1022		Fundamental Star				28°312
1023	7.0	3.3923	+0.0243	+17.944	−0.228	28°313
74.12.14	3	1 46 4.518		28 12 5.68		
81.12.23	3	4.482		4.58		
1024	8.3	3.3818	+0.0236	+17.943	−0.227	27°296
81.12.22	3	1 46 7.092		27 24 15.11		
83.11.20	4	7.031		13.80		
83.12.14	5	6.835		13.72		
1025	9.0	3.4093	+0.0253	+17.940	−0.229	29°317
79.12.11	3	1 46 11.993		29 25 28.22		Z.C. δ 28″7
83.11.29	2	11.835		29.23		
1026	7.0	3.3564	+0.0220	+17.939	−0.227	25°317
83.11.14	4	1 46 13.195		25 25 35.99		
83.11.21	5	13.186		35.25		
89.11.26	7	13.241		36.94		
1027	The catalogue place is 1′ wrong: see appendix 1027^{a}					
1028	7.5	3.3547	+0.0218	+17.912	−0.228	25°319
78.12.11	3	1 46 53.774		25 9 40.01		
81.11.29	2	53.816		39.29		
81.12.21	2	53.722		39.47		
1029	8.9	3.3980	+0.0245	+17.911	−0.230	28°314
74.12.14	3	1 46 55.185		28 26 35.10		
79.12.11	3	55.456		34.61		
1030	9.5	3.3947	+0.0242	+17.896	−0.231	28°315
93.12. 2	7	1 47 18.288		28 7 33.10		v. bad
93.12.14	7	18.726		29.64		
1031	9.3	3.3825	+0.0235	+17.895	−0.230	27°298
72.12. 9	3	1 47 20.091		27 12 11.35		†
1032	8^{m}7	3^{s}3811	+0^{s}0234	+17″891	−0″230	26°318
80.12.16	3	1^{h}47^{m}26^{s}474		27° 5′ 7″41		
81.12. 5	3	26.377		6.29		
1033	8.5	3.3781	+0.0234	+17.891	−0.230	26°319
92.12.12	6	1 47 32.741		26 50 19.27		
93. 1.10	5	32.699		18.72		
1034	9.0	3.4013	+0.0246	+17.882	−0.232	28°316
72.11. 6	1	1 47 38.893		28 32 10.20		Z.C. δ 10″0
77.12.10	2	38.674		9.84		
1035	8.9	3.4172	+0.0256	+17.880	−0.235	29°320
83.11.14	5	1 47 42.559		29 40 21.55		
83.11.21	3	42.469		21.72		
1036	9.5	3.3971	+0.0243	+17.877	−0.232	28°317
93.12. 7	7	1 47 46.946		28 12 7.49		
93.12.15	7	47.065		8.57		
96. 1. 8	7	47.083		8.34		§
1037	7.5	3.3842	+0.0235	+17.875	−0.231	27°300
83. 1.20	3	1 47 50.436		27 13 36.71		
92.12. 5	6	50.567		35.97		
1038	9.2	3.4103	+0.0251	+17.873	−0.233	29°322
81.12.22	3	1 47 52.915		29 8 41.95		Z.C. δ 41″2
83.11.19	3	52.780		39.44		
83.11.29	3	53.173		42.23		
1039	8.0	3.3807	+0.0233	+17.868	−0.231	26°322
73.12.11	3	1 48 0.716		26 56 20.33		
92.12.13	7	0.796		20.55		
1040	7.8	3.3974	+0.0243	+17.868	−0.232	28°319
72.11.20	3	1 48 0.824		28 11 1.25		
74.12.14	3	0.726		1.87		
1041	9.3	3.4165	+0.0255	+17.866	−0.234	29°323
83.11.19	2	1 48 4.035		29 33 0.21		Z.C. δ 0″4
83.12.14	5	3.999		0.50		
1042	8.0	3.3772	+0.0230	+17.864	−0.231	26°323
75.12.22	3	1 48 6.342		26 39 2.52		
78.12.14	1	6.413		1.65		
1043	9.3	3.3566	+0.0217	+17.864	−0.230	24°276
84.12. 9	5	1 48 6.879		25 4 39.16		
84.12.15	7	6.993		37.94		
88.12. 6	5	7.125		40.15		
1044	9.5	3.3976	+0.0243	+17.860	−0.232	— —
73.11.24	3	1 48 12.113		28 9 29.88		†
1045	9.5	3.3819	+0.0232	+17.847	−0.232	— —
73.12. 9	3	1 48 31.973		26 55 37.92		†
1046	8.0	3.3631	+0.0222	+17.847	−0.231	25°323
72.12. 4	3	1 48 32.315		25 29 56.48		Z.C. α 32^{s}32
73. 1. 3	3	32.427		56.38		
73.11.28	3	32.274		56.20		
73.12.22	3	32.439		56.60		
73.12.24	3	32.243		55.89		
77.12.24	3	32.249		54.67		

1047	9^{m}0	3^{s}3930	+0^{s}0240	+17″847	−0″233	27°302
	72.12. 9	3	1^{h}48^{m}32^{s}998	27° 44′ 19″44		
	72.12.11	3	33.081	19.51		
	73. 1. 2	3	32.864	22.27		
1048	9.0	3.3889	+0.0236	+17.844	−0.232	27°303
	77.12.13	3	1 48 36.378	27 25 58.55		
	79.12.10	3	36.223	59.55		
	81.12. 5	3	36.179	59.25		
1049	7.5	3.4208	+0.0257	+17.843	−0.235	29°324
	80. 1.12	3	1 48 38.051	29 44 30.41		Z.C. δ 30″8
	83.11.20	3	37.940	30.67		
	83.12. 4	7	37.979	31.29		
1050	9.2	3.4000	+0.0244	+17 840	−0.236	28°321
	73.11.24	2	1 48 43.244	28 13 40.76		−0^{s}1
	74.12.14	3	43.153	40.42		Z.C. δ 40″3
	74.12.19	3	43.396	39.87		†
	77.12.10	2	43.222	40.14		
1051	8.3	3.4123	+0.0251	+17.838	−0.235	29°326
	81.12.21	3	1 48 46.252	29 5 59.39		Z.C. δ 59″2
	83.11.28	7	46.286	59.12		
	83.12.14	3	46.092	59.02		
1052	8.9	3.4270	+0.0260	+17.836	−0.236	30°299
	81.11.29	3	1 48 48.124	30 8 4.63		
	81.12.23	3	48.169	4.12		
	83. 1.20	3	48.225	3.66		
	88.11.13	7	48.250	4.31		
1053	9.1	3.4146	+0.0252	+17.831	−0.235	29°327
	79.12. 4	3	1 48 55.937	29 13 61.18		
	79.12.10	2	55.876	60.76		
	79.12.11	3	55.849	59.33		
	79.12.22	2	55.816	58.98		
1054	8.6	3.3826	+0.0232	+17.824	−0.233	26°326
	73.12.11	3	1 49 7.463	26 51 48.22		
	75.12.22	3	7.461	49.23		
1055	9.0	3.4240	+0.0258	+17.819	−0.236	29°329
	75.11.18	3	1 49 14.033	29 50 9.53		
	83.11.20	4	13.938	8.15		
	83.12.12	4	13.885	9.48		
1056	8.3	3.4241	+0.0258	+17.817	−0.236	29°330
	80. 1.12	3	1 49 17.256	29 49 37.25		Z.C. δ 37″6
	83.11.14	6	17.139	37.06		
	83.11.21	4	17.178	37.59		
	83.12.12	1	17.254	38.55		
1057	8.8	3.3902	+0.0237	+17.816	−0.234	— —
	77.12.12	2	1 49 18.976	27 23 4.32		†
1058	8.8	3.3884	+0.0235	+17.813	−0.234	27°306
	88.11.23	7	1 49 22.795	27 14 6.36		
	88.11.26	6	22.661	4.62		
1059	9.5	3.3900	+0.0236	+17.799	−0.235	— —
	87.12.19	5	1 49 43.799	27 17 27.39		†
1060	7^{m}6	3^{s}4341	+0^{s}0263	+17″795	−0″238	30°303
	88.11.14	7	1^{h}49^{m}49^{s}786	30° 24′ 45″91		
	88.11.16	7	49.899	45.36		f. of 2
	88.11.20	7	49.925	44.65		f. of 2
	88.12. 7	7	49.837	44.78		f. of 2
1061	9.1	3.3808	+0.0229	+17.791	−0.236	26°327
	84.12.17	7	1 49 56.855	26 33 49.71		Z.C. α 56^{s}85
	89.12.11	7	56.847	49.54		
1062	9.5	3.4282	+0.0259	+17.788	−0.238	29°333
	88.11. 6	5	1 50 1.097	29 58 2.93		†
1063	9.2	3.4030	+0.0244	+17.788	−0.237	28°326
	72.11 20	3	1 50 1.131	28 11 2.62		
	73.11.24	3	1.313	2.60		
	77.11.19	3	1.342	2.08		
	85.12. 1	7	1.236	2.12		
	85.12.10	7	1.137	1.83		
1064	9.0	3.3637	+0.0220	+17.781	−0.234	25°328
	72.12. 4	3	1 50 11.369	25 14 17.87		
	73. 1. 3	3	11.258	18.06		
	73.11.28	3	11.287	18.32		
	73.12.22	3	11.369	18.61		
1065	9.2	3.3696	+0.0223	+17.780	−0.235	25°329
	77.12.24	3	1 50 12.129	25 40 52.87		d.s.p.
	81.11.29	1	12.267	55.42		d.s.p.
	81.12.22	3	12.384	54.74		s.p.
	81.12.23	3	12.134	54.17		s.p. Z.C. δ 54″3
1066	9.2	3.3767	+0.0227	+17.776	−0.236	26°329
	85.12. 8	7	1 50 18.996	26 11 34.25		Z.C. Ep. 87.3
	85.12.15	5	19.006	34.73		
	86.12.20	7	18.989	34.55		§
	89.11.26	7	18.938	32.68		
1067	9.1	3.4067	+0.0245	+17.768	−0.238	28°330
	74.12.14	3	1 50 30.714	28 20 53.64		
	87.12. 6	7	30.754	52.88		
	88.11. 9	7	30.887	52.59		
1068	The reduction is 1° wrong: see 1068^{a} below					
1068^{a}	8.9	3.4444	+0.0268	+17.768	−0.241	30°308
	88.12. 6	7	1 50 30.623	30 58 41.21		
1069	6.8	3.3911	+0.0235	+17.763	−0.237	27°310
	72.11.23	3	1 50 37.935	27 11 41.71		
	72.12. 9	3	37.994	41.24		
	72.12.11	3	38.007	42.10		
	73. 1. 2	3	37.804	43.64		
	73.12.16	3	37.864	42.55		
1070	8.5	3.3807	+0.0229	+17.761	−0.237	26°330
	73.12. 9	3	1 50 40.300	26 25 21.89		
	73.12.11	3	40.401	22.79		
	75.12.17	3	40.295	21.66		
1071	9.2	3.4072	+0.0245	+17.754	−0.239	28°332
	73.11.24	2	1 50 50.513	28 18 45.17		− 1′
	74.12.14	3	50.460	45.43		
	78.12.19	3	50.412	44.61		
	79.12.18	3	50.452	45.67		

1072	$9^m.5$	$3^s.3714$	$+0^s.0224$	$+17''.753$	$-0''.237$	$25^{\circ}331$
73.11.28	3	$1^h 50^m 52^s.853$	$25^{\circ} 41' 25''.28$			†
1073	7.8	3.4016	+0.0241	+17.752	−0.239	$27^{\circ}311$
73.12.16	2	1 50 53.657	27 54 33.68			Z.C. δ $34''.0$
77.12.12	3	53.916	34.79			
77.12.13	3	54.177	33.53			
1074	8.9	3.3740	+0.0225	+17.750	−0.237	$25^{\circ}332$
72.12.4	3	1 50 57.038	25 52 32.35			
73.1.3	3	56.866	32.34			
73.12.22	3	57.068	33.08			
1075	9.0	3.4210	+0.0253	+17.743	−0.240	$29^{\circ}339$
75.11.18	3	1 51 7.707	29 13 39.04			
75.12.23	3	7.737	38.58			
79.12.4	2	7.793	37.95			
79.12.10	3	7.724	39.39			
1076	8.9	3.4201	+0.0252	+17.735	−0.241	$29^{\circ}340$
79.12.11	3	1 51 19.427	29 7 28.72			
81.11.29	2	19.251	29.56			
83.1.20	3	19.211	28.56			
1077	8.7	3.3658	+0.0219	+17.733	−0.237	$25^{\circ}333$
73.12.24	3	1 51 21.507	25 10 48.54			Z.C. δ $47''.4$
73.12.24	2	21.586	47.17			
77.12.18	2	21.703	46.78			
77.12.24	3	21.638	47.12			
1078	9.0	3.3991	+0.0239	+17.732	−0.239	$27^{\circ}312$
72.11.23	3	1 51 22.798	27 37 55.22			Z.C. α $22^s.87$
72.12.9	3	22.978	53.95			Z.C. δ $55''.3$
72.12.11	3	22.910	55.71			
73.1.2	3	22.780	56.39			
77.12.13	3	22.867	55.15			
1079	9.0	3.3862	+0.0232	+17.730	−0.238	$26^{\circ}331$
73.12.9	3	1 51 26.152	26 41 11.75			
73.12.11	3	26.324	12.08			
75.12.22	3	26.174	11.37			
1080	9.0	3.3724	+0.0223	+17.729	−0.238	$25^{\circ}334$
77.12.24	2	1 51 27.979	25 39 14.80			d. n. p.
83.11.19	4	28.031	13.57			n. p. of 2
88.11.13	7	27.995	14.40			s.p. Z.C. δ $14''.3$
1081	9.3	3.3616	+0.0217	+17.729	−0.237	$24^{\circ}285$
86.12.16	5	1 51 28.325	24 50 61.07			
87.12.19	5	28.341	59.67			
1082	8.0	3.4156	+0.0249	+17.725	−0.241	$28^{\circ}333$
74.12.19	3	1 51 33.052	28 46 12.10			Z.C. δ $11''.0$
77.11.19	3	33.054	11.53			Z.C. Ep. 77.7
77.12.10	3	32.987	9.92			
80.1.12	3	32.993	10.56			
1083	9.1	3.3803	+0.0228	+17.722	−0.238	$26^{\circ}332$
84.12.9	7	1 51 38.029	26 12 35.79			Z.C. α $37^s.99$
84.12.15	5	37.958	34.88			
1084	8.5	3.4088	+0.0244	+17.717	−0.240	$28^{\circ}335$
74.12.19	3	1 51 45.648	28 15 14.69			
78.12.19	3	45.517	13.61			
79.12.18	3	45.538	14.09			

1085	$9^m.4$	$3^s.3827$	$+0^s.0229$	$+17''.714$	$-0''.239$	$26^{\circ}334$
73.12.9	1	$1^h 51^m 49^s.576$	$26^{\circ} 20' 53''.45$			*
78.12.14	3	49.895	52.77			
78.12.17	2	49.864	54.05			
1086	9.5	3.3720	+0.0222	+17.711	−0.239	— —
73.12.22	2	1 51 53.777	25 32 28.83			†
1087	9.1	3.4256	+0.0254	+17.704	−0.242	$29^{\circ}343$
75.12.23	3	1 52 4.547	29 21 31.59			
79.12.18	3	4.542	31.09			
79.12.22	3	4.648	29.87			
1088	9.5	3.4376	+0.0260	+17.691	−0.244	$30^{\circ}313$
83.11.20	4	1 52 23.534	30 7 12.10			
93.12.1	6	23.324	13.43			
1089	8.6	3.3937	+0.0234	+17.686	−0.241	$26^{\circ}336$
73.12.11	3	1 52 31.128	27 1 18.54			Z.C. δ $18''.2$
74.12.30	3	30.871	17.63			
75.12.22	3	31.034	18.39			
78.12.17	3	31.211	18.27			
1090	9.0	3.3649	+0.0217	+17.679	−0.239	$24^{\circ}290$
84.12.17	7	1 52 40.682	24 52 44.95			
85.12.1	7	40.737	44.31			
85.12.15	5	40.660	43.43			
1091	9.5	3.3942	+0.0233	+17.653	−0.243	$26^{\circ}337$
73.12.9	1	1 53 18.872	26 54 28.71			
73.12.11	3	18.799	31.69			
78.12.14	3	18.831	28.13			
1092	8.5	3.3982	+0.0236	+17.649	−0.243	$27^{\circ}317$
72.11.23	3	1 53 24.110	27 10 41.87			
72.12.9	3	24.095	41.57			
72.12.11	3	24.008	42.39			
73.1.2	3	24.004	43.14			
77.12.12	3	24.017	42.68			
88.11.22	7	24.008	41.69			
88.11.23	7	24.143	42.23			+ 1′
88.11.26	7	24.127	42.06			
1093	8.6	3.3998	+0.0236	+17.647	−0.243	$27^{\circ}318$
73.12.16	3	1 53 26.698	27 16 53.89			
77.12.13	3	27.003	54.39			
79.12.11	3	26.958	53.29			
79.12.22	3	26.845	53.57			− 1′
1094	8.2	3.4292	+0.0254	+17.644	−0.245	$29^{\circ}346$
75.11.18	3	1 53 31.276	29 19 29.80			
75.12.23	3	31.188	28.64			
85.12.8	7	31.224	29.59			
1095	9.2	3.3870	+0.0229	+17.642	−0.242	$26^{\circ}339$
84.12.9	5	1 53 34.294	26 20 14.84			
84.12.15	5	34.315	16.42			
86.12.16	5	34.266	16.73			
1096	Not found on revision 98.12.7: not found on Oxford photograph 95.10.2: 5′ wrong; see 1096^a					
1096^a	9.5	3.3781	+0.0223	+17.636	−0.242	— —
73.11.28	3	1 53 42.680	25 40 2.22			+5′

1097 $8^{\mathrm{m}}.4$ $3^{\mathrm{s}}.4243$ $+0^{\mathrm{s}}.0251$ $+17''.634$ $-0''.246$ $28^{\circ}337$

72.11.20	3	$1^{\mathrm{h}}53^{\mathrm{m}}46^{\mathrm{s}}.273$	$28^{\circ}\,56'\,27''.82$	
73.11.24	3	46.262	27.40	
77.11.19	3	46.319	26.90	
85.12.10	7	46.264	27.24	
88.11. 9	7	46.305	28.04	

1098 7.8 3.4200 +0.0248 +17.631 −0.246 $28^{\circ}338$

73.11.24	2	1 53 49.306	28 37 55.89	
74.12.14	3	49.416	56.60	
77.12.10	3	49.521	54.43	
78.12.19	3	49.538	54.52	
85.12.15	1	49.629	54.83	

1099 9.5 3.3971 +0.0233 +17.606 −0.245 $26^{\circ}343$

73.12. 9	2	1 54 25.600	26 54 39.72	
73.12.11	3	25.492	38.14	
75.12.22	3	25.456	38.37	
88.11. 6	3	25.462	39.51	

1100 9.1 3.4286 +0.0251 +17.586 −0.248 $28^{\circ}340$

72.11.20	3	1 54 53.999	29 0 52.05	Z.C. δ $52''.1$
73.11.24	2	53.593	50.91	*
77.11.19	3	53.793	52.48	Z.C. Ep. 79.7
86.12.20	5	54.033	53.08	
86.12.23	5	54.028	51.92	

1101 9.0 3.3807 +0.0223 +17.584 −0.247 $25^{\circ}337$

72.12. 4	3	1 54 57.926	25 37 48.75	
73. 1. 3	3	57.744	48.76	
73.11.28	3	57.728	48.19	
73.12.24	3	57.833	47.89	
77.12.18	3	58.019	47.72	-20^{s}
77.12.24	3	57.884	46.43	

1102 6.8 3.4113 +0.0241 +17.583 −0.247 $27^{\circ}320$

72.11.23	3	1 54 59.042	27 47 42.76	
72.12. 9	3	59.056	42.26	
72.12.11	3	58.939	41.96	
73. 1. 2	3	58.951	43.73	
77.12.12	3	59.063	42.99	
77.12.13	3	59.004	42.46	

1103 8.0 3.4316 +0.0252 +17.572 −0.249 $29^{\circ}349$

75.11.18	3	1 55 14.763	29 9 7.68	
75.12.23	3	14.601	7.96	
86.12.16	5	14.740	7.97	

1104 8.6 3.4393 +0.0257 +17.571 −0.249 $29^{\circ}350$

79.12.11	3	1 55 16.291	29 39 59 70	
79.12.18	3	16.190	61.66	
79.12.22	3	16.195	60.96	
81.11.29	3	16.052	61.39	
89.12.10	7	16.224	61.00	$+5'$

1105 9.1 3.4009 +0.0234 +17.564 −0.247 $26^{\circ}344$

84.12.17	7	1 55 25.767	26 59 37.16	
85.12. 1	7	26.002	36.78	
87.12.19	7	25.777	38.32	

1106 9.0 3.4084 +0.0239 +17.561 −0.247 $27^{\circ}322$

72.11.23	3	1 55 29.614	27 30 16.87	Z.C. α $29^{\mathrm{s}}.64$
72.12. 9	3	29.616	16.63	
72.12.11	3	29.649	17.83	
73. 1. 2	3	29.710	17.75	$+5'$
73.12.16	3	29.606	16.38	
77.12.12	3	29.666	16.73	

1107 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.3816$ $+0^{\mathrm{s}}.0223$ $+17''.561$ $-0''.246$ $25^{\circ}338$

73.11.28	3	$1^{\mathrm{h}}55^{\mathrm{m}}29^{\mathrm{s}}.988$	$25^{\circ}\,35'\,59''.77$	
73 12.24	3	29.861	59.70	

1108 8.2 3.4185 +0.0245 +17.555 −0.248 $28^{\circ}341$

72.11.20	3	1 55 38.416	28 10 55.71	
74.12.19	3	38.364	56.59	
77.12.10	3	38.225	55.48	
88.11.13	7	38.252	56.01	

1109 8.9 3.4245 +0.0248 +17.553 −0.249 $28^{\circ}342$

78.12.19	3	1 55 40.916	28 34 61.05	
89.11.26	7	40.993	59.68	

1110 8.7 3.4345 +0.0253 +17.541 −0.250 $29^{\circ}352$

75.11.18	3	1 55 59.006	29 12 7.74	
75.12.23	3	58.930	7.56	
79.12.22	3	59.088	7.26	
80. 1.12	3	58.984	6.74	

1111 8.5 3.3814 +0.0222 +17.537 −0.246 $25^{\circ}339$

72.12. 4	2	1 56 3.992	25 28 58.97	
73.11.28	1	3.904	57.33	
85.12. 8	7	4.137	59.63	

1112 8.0 3.3885 +0.0226 +17.523 −0.248 $25^{\circ}340$

73.12.22	3	1 56 23.812	25 56 5.11	Z.C. α $23^{\mathrm{s}}.83$
79.12.11	3	23.944	3.22	
79.12.18	3	23.840	4.48	
88.11.14	7	23.728	4.80	
88.11.16	7	23.834	4.78	

1113 7.6 3.4019 +0.0234 +17.522 −0.249 $26^{\circ}346$

73.12. 9	3	1 56 25.184	26 52 45.92	
73.12.11	3	25.146	48.14	
74.12.30	3	24.935	44.56	
75.12.22	3	25.068	46.23	

1114 6.0 3.3805 +0.0221 +17.516 −0.247 $25^{\circ}341$

73.12.22	3	1 56 33.790	25 19 57.64	
73.12.24	3	33.872	56.09	
77.12.18	3	34.028	55.07	

1115 8.5 3.3967 +0.0231 +17.515 −0.248 $26^{\circ}347$

74.12.30	1	1 56 34.531	26 28 54.82	
75.12.17	3	34.550	56.04	
78.12.14	3	34.538	54.69	

1116 9.5 3.4270 +0.0248 +17.511 −0.251 $28^{\circ}344$

73.11.24	3	1 56 40.154	28 34 2.88	†

1117 9.3 3.4385 +0.0254 +17.510 −0.252 $29^{\circ}354$

75.11.18	2	1 56 41.998	29 19 57.33	
92.12. 5	5	42.179	56.27	

1118 9.3 3.4214 +0.0245 +17.510 −0.251 $28^{\circ}345$

78.12.19	3	1 56 42.724	28 11 8.19	Z.C. δ $8''.3$
83.11.28	3	42.501	7.78	
83.12. 4	3	42.902	8.92	

1119 7.9 3.4382 +0.0254 +17.507 −0.252 $29^{\circ}355$

79.12.22	3	1 56 46.360	29 18 10.24	
80. 1.12	3	46.348	9.04	
83. 1.20	3	46.434	11.69	
84.12. 9	7	46.368	10.35	
84.12.15	7	46.345	9.65	

1120	$9^{m}.5$	$3^{s}.4193$	$+0^{s}.0243$	$+17''.505$	$-0''.251$	27°325
	73.12.16	3	$1^{h}56^{m}49^{s}.133$		28° 0′ 53″.44	Z.C. δ 52″.8
	77.12.12	3	49.226		53.58	
	83.11.29	3	49.367		52.17	
	83.12.12	3	49.107		51.95	
1121	8.8	3.4198	+0.0243	+17.490	−0.251	27°326
	72.11.23	3	1 57 10.223		27 58 57.25	
	72.12. 9	3	10.024		55.77	
	73. 1. 2	3	10.047		57.76	
1122	6.8	3.3820	+0.0221	+17.486	−0.249	25°343
	73. 1. 3	3	1 57 16.332		25 19 7.30	Z.C. δ 7″.2
	77.12.18	2	16.581		6.86	-30^{s} *
	77.12.24	3	16.388		7.46	
1123	9.0	3.4194	+0.0242	+17.476	−0.252	27°327
	72.12.11	3	1 57 29.314		27 53 54.97	
	79.12.11	3	29.398		54.08	
	79.12.18	3	29.270		55.06	
	86.12.20	5	29.467		56.84	
	86.12.23	5	29.493		55.14	
1124	7.8	3.4526	+0.0261	+17.475	−0.254	30°326
	83.11.19	3	1 57 31.259		30 6 28.46	Z.C. δ 28″.7
	83.11.20	3	31.314		28.58	
	83.11.28	3	31.073		29.14	
1125	8.5	3.3873	+0.0224	+17.474	−0.250	25°344
	72.12. 4	3	1 57 32.507		25 39 2.82	
	77.12.24	3	32.223		2.88	
	83.11.21	3	32.282		1.89	
	83.11.29	4	32.312		1.40	
	88.11.22	7	32.360		2.19	
	88.11.23	7	32.394		2.67	
	88.11.26	7	32.488		3.18	
1126	8.5	3.4282	+0.0247	+17.471	−0.252	28°348
	79.12.10	3	1 57 36.171		28 28 25.99	
	92.12.12	7	36.110		24.83	
1127	9.2	3.4242	+0.0244	+17.459	−0.253	28°350
	78.12.19	3	1 57 52.927		28 8 44.84	
	83. 1.20	3	52.946		43.78	
1128	7.8	3.4300	+0.0247	+17.450	−0.254	28°351
	72.11.20	3	1 58 6.103		28 30 14.48	
	78.12.19	3	5.953		14.58	
	79.12.10	3	6.005		14.93	
	79.12.11	3	6.066		13.34	
	80. 1.12	3	6.118		13.79	
1129	9.1	3.4487	+0.0257	+17.441	−0.256	29°357
	84.12.17	6	1 58 17.980		29 42 27.11	
	85.12. 1	5	17.934		26.85	
	88.11.13	5	17.977		26.73	
1130	9.2	3.4250	+0.0244	+17.435	−0.254	28°352
	83. 1.20	2	1 58 26.557		28 5 56.43	
	92.12.13	4	26.963		55.56	
	93.12.23	7	26.287		56.94	
1131	9.0	3.4170	+0.0239	+17.421	−0.254	27°329
	72.12. 9	3	1 58 45.880		27 30 7.26	Z.C. δ 7″.9
	77.12.13	3	45.831		8.47	
1132	$9^{m}.1$	$3^{s}.4267$	$+0^{s}.0244$	$+17''.416$	$-0''.255$	28°355
	72.11.20	2	$1^{h}58^{m}52^{s}.985$		28° 8′ 16″.24	
	83.11.19	4	52.881		15.35	
	83.11.21	4	52.666		16.24	
	83.12. 4	4	52.929		17.11	$-0^{s}.1$
1133	9.0	3.4532	+0.0258	+17.398	−0.258	29°358
	79.12.11	2	1 59 17.745		29 49 4.08	
	88.12. 7	7	17.595		5.40	
1134	8.5	3.4002	+0.0229	+17.393	−0.254	26°354
	78.12.14	3	1 59 24.944		26 14 20.11	
	92.12.13	5	25.134		20.24	
1135	8.8	3.4149	+0.0237	+17.391	−0.255	27°330
	77.12.13	3	1 59 27.622		27 14 9.34	
	88.11.20	7	27.455		8.85	
1136	7.4	3.3864	+0.0221	+17.384	−0.253	25°348
	77.12.24	3	1 59 37.682		25 13 57.80	Z.C. δ 58″.9
	93. 1.10	7	37.657		60.08	
1137	6.6	3.4368	+0.0249	+17.384	−0.257	28°359
	78.12.19	3	1 59 37.750		28 40 18.74	
	83.11.28	4	37.568		18.09	
	83.11.29	5	37.741		17.74	
1138	6.5	3.3849	+0.0220	+17.379	−0.254	25°349
	92.12. 5	7	1 59 44.313		25 6 26.29	
	93. 1.14	7	44.234		27.26	
1139	7.6	3.3939	+0.0225	+17.375	−0.255	25°350
	77.12.24	2	1 59 49.200		25 43 29.15	Z.C. δ 29″.7
	92.12.12	7	49.174		30.22	
1140	9.4	3.4111	+0.0235	+17.369	−0.256	26°356
	93.12. 1	7	1 59 56.945		26 53 11.30	
	93.12. 4	7	57.109		9.65	
1141	7.0	3.4081	+0.0232	+17.358	−0.256	26°357
	78.12.14	3	2 0 12.883		26 38 26.73	Z.C. δ 26″.7
	83.11.28	3	12.851		26.42	
	83.12. 4	5	12.760		26.84	
1142	7.8	3.4461	+0.0253	+17.350	−0.259	29°361
	79.12.10	3	2 0 24.463		29 8 42.29	
	83.11.29	1	24.546		41.94	
	83.12.14	3	24.318		40.61	
1143	8.6	3.4447	+0.0253	+17.345	−0.260	28°361
	72.11.20	3	2 0 30.593		29 2 11.72	
	83. 1.20	3	30.540		12.77	
	83.11.21	4	30.672		11.39	
	84. 1.18	3	30.688		10.23	
1144	9.0	3.4332	+0.0245	+17.341	−0.258	28°363
	78.12.19	3	2 0 36.890		28 15 9.75	
	79.12.11	2	36.995		8.73	
1145	8.1	3.4446	+0.0252	+17.333	−0.260	28°364
	83.11.19	4	2 0 47.423		28 58 27.75	Z.C. δ 27″.5
	83.11.20	3	47.433		27.22	
	83.12.14	3	47.427		27.66	

1146	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.4268$	$+0^{\mathrm{s}}.0241$	$+17''.315$	$-0''.260$	27°335
72.12. 9	2	$2^{\mathrm{h}}\ 1^{\mathrm{m}}\ 11^{\mathrm{s}}.960$	27° 43′ 32″.79			
77.12.13	3	11.770	32.60			
83. 1.20	3	11.897	30.82			
1147	9.3	3.4589	+0.0258	+17.313	−0.262	— —
83.11.20	2	2 1 14.279	29 48 41.71			† Z.C. δ 41″.7
1148	9.1	3.4655	+0.0262	+17.297	−0.263	30°339
89.12.11	2	2 1 35.446	30 10 25.15			Z.C. δ 23″.4
93. 1.27	7	35.498	21.68			
1149	9.0	3.4215	+0.0237	+17.282	−0.260	27°336
72.11.11	3	2 1 56.764	27 14 42.11			
72.12. 9	3	56.474	41.98			
79.12.18	3	56.552	41.77			
1150	8.0	3.4304	+0.0241	+17.273	−0.262	27°337
72.12.11	3	2 2 8.154	27 47 60.61			
73.12.16	3	7.984	60.34			
77.12.12	3	7.954	59.39			
1151	8.6	3.3942	+0.0222	+17.271	−0.259	25°354
73.12.24	3	2 2 11.103	25 21 6.07			
77.12.24	3	11.025	5.99			
1152	5.0	3.3945	+0.0222	+17.266	−0.259	25°355
72.12. 4	3	2 2 18.802	25 20 51.23			
73. 1. 3	3	18.686	50.49			
73.11.28	3	18.554	50.51			
1153	9.5	3.4686	+0.0262	+17.264	−0.265	30°341
75.11.18	3	2 2 21.091	30 13 30.24			
93.12. 4	2	21.124	29.71			
1154	9.0	3.4158	+0.0233	+17.259	−0.261	26°362
73.12. 9	2	2 2 27.730	26 46 29.19			
73.12.11	3	27.701	31.22			
74.12.30	2	27.825	30.25			
1155	8.7	3.4033	+0.0226	+17.247	−0.260	25°357
73.12.22	3	2 2 43.491	25 53 30.98			
79.12.11	3	43.731	29.62			
80. 1.12	3	43.607	28.26			+ 1′
1156	8.9	3.3994	+0.0224	+17.245	−0.260	25°358
79.12.22	3	2 2 46.811	25 36 43.69			Z.C. δ 43″.2
83.11.19	3	46.661	42.46			
83.11.21	3	46.705	43.46			
83.11.29	1	46.616	43.02			
1157	9.0	3.4633	+0.0259	+17.242	−0.266	29°365
83.11.28	4	2 2 50.431	29 48 0.34			
83.12. 4	7	50.616	0.70			
1158	8.7	3.4551	+0.0254	+17.229	−0.265	29°366
79.12.18	3	2 3 8.023	29 13 23.09			
79.12.22	3	8.156	21.95			
89.12.10	7	8.449	20.61			
1159	9.2	3.3887	+0.0218	+17.225	−0.261	24°316
84.12. 9	7	2 3 13.170	24 48 21.63			
84.12.15	7	12.987	20.46			
84.12.17	6	12.825	21.76			
1160	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.4315$	$+0^{\mathrm{s}}.0240$	$+17''.217$	$-0''.264$	27°339
72.11.11	2	$2^{\mathrm{h}}\ 3^{\mathrm{m}}\ 24^{\mathrm{s}}.110$	27° 39′ 20″.68			
72.11.23	2	23.917	20.92			
72.12. 9	3	24.088	19.80			
72.12.11	3	24.080	20.24			
73. 1. 2	3	23.922	20.90			
73.12.16	2	24.018	19.92			
1161	8.2	3.4603	+0.0256	+17.211	−0.267	29°368
75.11.18	3	2 3 32.512	29 29 13.90			
80. 1.12	3	32.374	11.64			
83. 1.20	3	32.323	14.30			§
1162	9.0	3.4401	+0.0244	+17.195	−0.266	28°367
72.11.20	3	2 3 53.168	28 7 40.73			
74.12.14	3	53.028	40.50			
74.12.19	3	53.365	41.39			
1163	8.1	3.4586	+0.0255	+17.195	−0.267	29°369
79.12.11	3	2 3 53.622	29 18 59.68			
93. 1.14	7	53.412	60.86			
1164	8.1	3.4619	+0.0257	+17.194	−0.268	29°370
83.11.19	7	2 3 54.167	29 31 29.16			
83.11.28	3	54.045	30.59			
1165	9.5	3.4383	+0.0243	+17.186	−0.266	27°340
73. 1. 2	3	2 4 5.053	27 58 35.84			Z.C. δ 35″.6
77.12.12	2	5.377	35.43			*
1166	6.8	3.3986	+0.0222	+17.186	−0.262	25°362
72.12. 4	3	2 4 5.725	25 20 47.39			Z.C. α 5ˢ.65
73.12.22	3	5.646	46.98			Z.C. δ 46″.9
73.12.24	3	5.578	47.08			
77.12.18	3	5.629	46.18			
77.12.24	3	5.607	46.49			
79.12.22	3	5.673	46.99			
83. 1.20	3	5.712	47.50			
1167	9.1	3.4160	+0.0231	+17.183	−0.264	26°366
73.12.11	3	2 4 9.301	26 30 16.87			+ 5′
74.12.30	3	9.472	17.52			
75.12.17	3	9.220	18.72			
78.12.17	3	9.285	15.99			
1168	8.4	3.4017	+0.0223	+17.175	−0.263	25°363
72.12. 4	2	2 4 19.690	25 30 57.73			Z.C. δ 56″.7
73.12.24	2	19.729	56.84			
77.12.24	2	19.499	55.61			
1169	9.4	3.4241	+0.0235	+17.174	−0.266	26°367
73.12. 9	3	2 4 20.540	27 0 35.16			
73.12.11	2	20.431	35.40			
75.12.22	2	20.322	37.79			− 1^{m}
1170	9.5	3.4382	+0.0242	+17.169	−0.267	— —
73.12.16	1	2 4 27.049	27 54 24.77			†
1171	9.0	3.4361	+0.0241	+17.158	−0.267	27°341
72.11.11	3	2 4 41.998	27 43 51.24			
72.11.23	3	41.753	51.76			
72.12. 9	3	42.022	50.89			
72.12.11	2	41.843	51.78			

1172	9^m0	3^s3935	$+0^s0218$	$+17''139$	$-0''264$	24°319
85.12.15	5	$2^h\ 5^m\ 7^s003$		$24^\circ\ 50'\ 14''39$		
89.12.10	5	7.079		13.83		
1173	5.0	3.4685	+0.0258	+17.139	−0.270	29°371
75.11.18	3	2 5 7.483		29 42 59.22		c.d.p.
79.12.11	3	7.411		57.09		c.d.
79.12.18	3	7.286		57.55		c.d.
1174	8.0	3.4510	+0.0248	+17.137	−0.269	28°369
72.11.20	3	2 5 9.767		28 36 48.47		
74.12.14	3	9.754		49.37		
74.12.19	3	9.821		48.90		
85.12. 8	5	9.873		48.77		
86.12.20	7	9.835		50.29		
86.12.23	5	9.718		49.22		
1175	9.3	3.4722	+0.0261	+17.134	−0.270	29°372
83. 1.20	3	2 5 14.214		29 55 32.01		Z.C. δ 31″1
83.11.21	3	14.027		30.21		
83.11.29	3	14.082		31.11		
1176	9.2	3.4653	+0.0256	+17.112	−0.271	29°373
86.12.16	5	2 5 43.200		29 24 42.90		
89.12.11	7	43.197		43.57		
1177	9.3	3.4342	+0.0238	+17.110	−0.269	27°343
72.11.11	2	2 5 45.884		27 25 49.37		
72.12. 9	3	45.564		49.18		
73. 1. 2	3	45.602		51.06		
83.11.20	3	45.696		48.82		
83.11.28	4	45.581		49.40		
1178	7.8	3.4748	+0.0261	+17.104	−0.272	29°374
79.12.18	3	2 5 53.424		29 58 15.09		
79.12.22	3	53.415		15.44		
80. 1.12	3	53.483		13.29		
1179	9.5	3.4578	+0.0251	+17.098	−0.271	28°370
74.12.14	3	2 6 1.160		28 53 26.76		Z.C. δ 27″0
74.12.19	2	1.537		26.48		v. ft.
77.11.19	3	1.541		27.89		
1180	9.3	3.4482	+0.0246	+17.096	−0.270	28°371
74.12.14	1	2 6 3.898		28 16 29.33		
95.11.14	7	3.618		28.51		
95.11.18	7	3.581		29.55		
95.12.10	7	3.614		29.90		
1181	8.8	3.3956	+0.0218	+17.086	−0.267	24°322
84.12. 9	7	2 6 16.526		24 47 43.40		
84.12.15	7	16.453		42.32		
84.12.17	6	16.469		45.06		
1182	9.0	3.4347	+0.0238	+17.081	−0.270	27°344
72.11.23	3	2 6 23.546		27 21 27.98		
72.12.11	3	23.592		27.78		
1183	9.2	3.3960	+0.0218	+17.073	−0.267	24°324
90. 1. 1	7	2 6 33.852		24 46 40.96		†
1184	8.0	3.3995	+0.0220	+17.072	−0.267	24°325
72.12. 4	3	2 6 34.807		25 0 42.00		
73.12.22	3	34.751		43.22		
73.12.24	3	34.782		42.30		

1185	9^m5	3^s4353	$+0^s0238$	$+17''064$	$-0''271$	— —
73.12.16	3	$2^h\ 6^m 45^s613$		$27^\circ\ 20'\ 0''33$		†
1186	7.4	3.4157	+0.0227	+17.058	−0.270	25°368
73.12.22	3	2 6 53.390		26 2 23.75		Z.C. δ 23″6
77.12.18	3	53.497		23.48		
77.12.24	3	53.384		23.57		
1187	9.0	3.4434	+0.0242	+17.054	−0.272	27°346
72.12. 9	3	2 6 59.267		27 48 39.17		
73. 1. 2	3	59.005		40.18		
1188	7.4	3.4809	+0.0262	+17.051	−0.275	30°354
85.12. 8	5	2 7 3.365		30 8 23.32		
86.12.23	5	3.302		24.17		
91.11.11	7	3.324		23.90		
91.11.13	7	3.299		24.01		
91.12.11	7	3.468		23.22		
1189	9.1	3.4296	+0.0234	+17.050	−0.271	26°371
85.12.15	7	2 7 4.153		26 55 9.55		Z.C. Ep. 89.9
91.11.21	7	4.101		9.41		
91.12.23	4	4.146		9.08		
1190	9.5	3.4505	+0.0246	+17.048	−0.272	28°373
93.12. 1	6	2 7 6.373		28 14 52.61		
93.12. 4	7	6.375		47.76		
94. 1.11	4	6.219		49.79		-1^s
94. 1.26	7	6.271		51.13		
1191	9.0	3.4372	+0.0238	+17.038	−0.272	27°348
72.11.11	3	2 7 20.107		27 21 45.06		
72.11.23	3	20.260		45.89		
1192	6.5	3.4491	+0.0245	+17.035	−0.273	28°374
83.11.20	3	2 7 23.735		28 6 30.00		Z.C. δ 31″1
83.11.21	3	23.665		31.35		
83.11.28	4	23.451		32.09		
1193	9.5	3.4792	+0.0261	+17.035	−0.275	29°375
83.12. 4	3	2 7 23.580		29 58 58.78		Z.C. δ 59″2
83.12.12	3	23.741		59.64		
1194	8.0	3.4765	+0.0259	+17.034	−0.275	29°376 A
79.12.11	3	2 7 25.579		29 48 33.04		c.d.s.p.
79.12.22	3	25.474		33.00		d.s.p.
80. 1.12	3	25.501		31.91		c d.s.p.
1195	8.0	3.4766	+0.0259	+17.032	−0.275	29°376 B
79.12.22	3	2 7 26.054		29 48 36.17		† Z.C. α 26^s05
1196	9.5	3.4539	+0.0247	+17.021	−0.273	28°375
74.12.14	3	2 7 41.968		28 21 22.94		
77.11.19	1	42.195		25.53		
89.12.10	4	42.070		23.76		
1197	9.1	3.4305	+0.0234	+17.018	−0.272	26°372
86.12.16	5	2 7 45.867		26 52 8.55		
87. 1.10	4	45.924		9 77		
87. 1.12	5	45.954		12.30		

1198	$9^{m}0$	$3^{s}4413$	$+0^{s}0239$	$+16''999$	$-0''274$	27°350
72.11.11	3	$2^{h}\,8^{m}11^{s}005$		27° 29′ $3''50$		Z.C. δ $3''3$
72.11.23	3	10.815		2.89		
72.12. 9	3	11.027		2.76		
73. 1. 2	3	10.903		4.01		
1199	9.4	3.4685	+0.0254	+16.998	−0.276	29°378
93.12. 7	6	2 8 11.126		29 11 19.58		v. ft.
93.12. 9	3	11.532		17.66		
1200	8.0	3.4304	+0.0233	+16 996	−0.273	26°373
73.12. 9	3	2 8 14.037		26 46 40.48		
73.12.11	3	13.937		40.14		
74.12.30	1	13.907		38.65		
1201	9.3	3.4140	+0.0225	+16.996	−0.272	25°371
77.12.24	3	2 8 14.493		25 42 54.49		Z.C. δ $54''4$
92.12.13	5	14.791		54.22		
1202	8.5	3.4534	+0.0246	+16.994	−0.275	28°376
72.11.20	3	2 8 16.175		28 13 55.13		
72.11.20	2	16.235		53.64		
74.12.14	2	16.354		55.40		
74.12.19	3	16.241		54.49		
79.12.11	3	16.184		53.39		
83. 1.20	3	16.257		55.25		
1203	8.6	3.4648	+0.0251	+16.988	−0.276	28°377
83.11.21	4	2 8 23.957		28 55 1.86		
84. 1.18	3	24.215		2.21		
1204	8.5	3.4200	+0.0227	+16.984	−0.273	25°372
72.12. 4	3	2 8 30 211		26 3 49.82		
73.12.22	3	30.246		49.65		
89.12.11	7	30.261		50.60		
1205	6.1	3.4071	+0.0221	+16.978	−0.272	25°373
77.12.24	3	2 8 36.797		25 12 5.63		
84.12.17	7	36.959		5.35		
1206	9.5	3.4288	+0.0232	+16.968	−0.275	26°374
73.12.11	3	2 8 50.012		26 35 2.34		
75.12.22	2	50.197		3.26		
1207	9.0	3.4731	+0.0255	+16.962	−0.277	29°380
79.12.18	3	2 8 58.522		29 20 21.01		
83.11.28	4	58.311		20.06		
84.12. 9	7	58.603		20.06		
84.12.15	7	58.544		19.92		
1208	8.8	3.4271	+0.0230	+16.958	−0.274	26°375
73.12. 9	3	2 9 2.819		26 26 38.92		
74.12.30	3	2.631		35.61		
1209	8.5	3.4718	+0.0254	+16.952	−0.277	29°382
79.12.11	3	2 9 10.850		29 13 21.05		
79.12.22	3	10.972		20.34		
83. 1.20	3	10.871		21.75		
1210	9.0	3.4719	+0.0254	+16.941	−0.278	29°384
83 11.20	3	2 9 24.576		29 11 24.56		Z.C. δ $24''7$
83.12.14	3	24.263		24.82		
84. 1.18	3	24.462		24.69		-5^{s}

1211	$9^{m}0$	$3^{s}4751$	$+0^{s}0256$	$+16''937$	$-0''278$	29°385
83.11.21	3	$2^{h}\,9^{m}30^{s}281$		29° 22′ $7''83$		Z.C. δ $8''9$
83.12. 4	3	30.275		10.15		
84. 1.24	5	30.351		8.59		
1212	9.0	3.4689	+0.0252	+16.936	−0.278	28°379
74.12.14	2	2 9 31.491		28 59 18.93		
74.12.19	3	31.637		19.14		
89.11.26	7	31.598		18.64		§
1213	9.1	3.4585	+0.0246	+16.928	−0.278	28°380
85.12. 8	7	2 9 41.868		28 18 44.52		
88.11.16	7	41.904		45.03		
1214	9.4	3.4351	+0.0234	+16.924	−0.276	26°377
78.12.14	3	2 9 46.660		26 50 22.61		†
1215	9.1	3.4246	+0.0228	+16.918	−0.276	26°378
85.12.15	7	2 9 54.145		26 8 33.22		
90. 1. 1	7	54.434		32.57		
1216	9.0	3.4527	+0.0243	+16.916	−0.278	27°354
72.11.11	3	2 9 56.794		27 54 60.60		
72.11.23	3	56.672		59.84		
72.12. 9	3	56.472		59.96		
73. 1. 2	3	56.637		61.50		
1217	8.9	3.4557	+0.0245	+16.916	−0.278	28°381
72.11.20	3	2 9 57.025		28 6 1.65		
77.11.19	3	56.873		3.33		
79.12.18	3	56.909		2.61		
1218	9.4	3.4499	+0.0241	+16.912	−0.278	27°356
73.12.16	3	2 10 2.722		27 43 22.57		Z.C. δ $22''2$
83.11.29	3	2.857		21.91		
83.12.12	4	2.677		22.20		
1219	6.8	3.4574	+0.0245	+16.905	−0.278	28°382
79.12.18	1	2 10 10.625		28 9 59.37		d.n.f.
79.12.22	3	10.581		59.52		
1220	9.0	3.4633	+0.0248	+16.896	−0.279	28°383
86.12.16	5	2 10 22.491		28 30 26.71		
87. 1.10	5	22.626		28.75		
87. 1.12	5	22.631		27.37		
1221	9.0	3.4128	+0.0222	+16.892	−0.276	25°377
72.12. 4	3	2 10 28.128		25 17 23.11		
73.12.22	3	27.974		22.95		
1222	7.0	3.4629	+0.0247	+16.880	−0.280	28°385
72.11.20	3	2 10 42.457		28 25 38.42		
74.12.14	3	42.272		39.59		
74.12.19	3	42.518		38.99		
1223	7.0	3.4772	+0.0255	+16.874	−0.282	29°387
83. 1.20	3	2 10 50.314		29 16 5.14		
92.12.13	7	50.311		4.48		
1224	9.4	3.4835	+0.0258	+16.874	−0.282	29°386
75.11.18	3	2 10 50.617		29 38 57.47		
83.11.28	4	50.465		56.15		

1225	$8^{\mathrm{m}}9$	$3^{\mathrm{s}}4472$	$+0^{\mathrm{s}}0239$	$+16''857$	$-0''280$	27°359
72.12. 9	3	$2^{\mathrm{h}}\,11^{\mathrm{m}}\,12^{\mathrm{s}}445$		27° 22′ 15″09		Z.C. δ 15″4
73.12.16	3	12.473		16.19		
79.12.11	3	12.614		14.69		
79.12.18	1	12.677		15.45		
1226	9.2	3.4282	+0.0228	+16.855	−0.278	26°380
84.12.17	7	2 11 14.073		26 9 52.20		†
1227	9.3	3.4566	+0.0244	+16.855	−0.280	27°358
72.11.23	3	2 11 14.247		27 56 55.54		− 10ˢ
73. 1. 2	3	13.978		54.46		
1228	9.1	3.4425	+0.0235	+16.841	−0.280	26°382
83.11.20	4	2 11 32.529		27 1 16.00		Z.C. α 32ˢ48
83.12.12	4	32.524		16.96		Z.C. δ 16″6
83.12.14	3	32.391		16.26		Z.C.Ep. 88.4
89.12.10	7	32.512		16.04		
89.12.11	7	32.422		16.84		
91.11.11	7	32.503		16.55		
91.11.13	7	32.435		17.81		
91.12.11	7	32.550		16.36		
1229	5.8	3.4597	+0.0244	+16.833	−0.281	27°360
93. 1.14	7	2 11 42.708		28 3 52.43		
93. 1.19	7	42.516		50.90		
93.11.28	7	42.651		53.01		
93.12. 1	7	42.536		51.85		
93.12. 4	7	42.510		52.02		
1230	8.6	3.4397	+0.0233	+16.832	−0.280	26°383
73.12. 9	3	2 11 43.840		26 49 12.49		
74.12.30	3	43.816		11.73		
75.12.17	1	43.679		13.76		
78.12.14	3	43.900		12.71		
1231	9.5	3.4337	+0.0230	+16.825	−0.280	26°385
73.12.11	3	2 11 52.702		26 24 57.49		†
1232	8.5	3.4834	+0.0256	+16.824	−0.284	29°388
83.11.21	3	2 11 54.015		29 28 5.88		Z.C. δ 6″2
83.11.29	3	54.082		6.90		
84. 1.18	3	54.215		5.77		
1233	9.1	3.4536	+0.0240	+16.817	−0.282	27°361
73.12.16	3	2 12 2.406		27 38 20.55		
77.12.12	3	2.424		19.96		
79.12.22	3	2.565		18.64		
1234	9.3	3.4149	+0.0221	+16.816	−0.278	25°378
72.12. 4	3	2 12 4.128		25 11 13.63		§
73.12.22	3	4.036		12.75		
79.12.11	3	4.195		12.26		
1235	8.9	3.4638	+0.0246	+16.810	−0 282	28°388
84.12. 9	7	2 12 11.762		28 14 14.13		
84.12.15	7	11.713		14.35		
1236	9.4	3.4930	+0.0260	+16.799	−0.286	29°391
75.11.18	2	2 12 25.256		29 57 6.88		*
86.12.16	4	25.481		6.58		
1237	8.2	3.4118	+0.0219	+16.797	−0.279	24°335
77.12.18	3	2 12 26.832		24 56 9.38		
83. 1.20	3	26.602		9.11		
1238	$9^{\mathrm{m}}4$	$3^{\mathrm{s}}4280$	$+0^{\mathrm{s}}0227$	$+16''797$	$-0''281$	25°380
73.12.22	3	$2^{\mathrm{h}}\,12^{\mathrm{m}}\,27^{\mathrm{s}}581$		25° 58′ 9″55		†
1239	8.7	3.4978	+0.0263	+16.793	−0.286	30°373
83 11.28	4	2 12 32.024		30 12 43.70		
84. 1.24	3	32.250		42.83		
91.11.17	7	32.410		43.36		
91.11.21	7	32.340		41.98		
1240	8.9	3.4989	+0.0263	+16.784	−0.287	30°374
85.12. 8	5	2 12 44.113		30 14 39.43		n.f. of 2
96. 1.15	2	43.921		42.79		clds. v. ft.
96. 1.17	7	43.883		40.77		
96. 1.20	7	43.916		41.26		
1241	9.1	3.4757	+0.0251	+16.783	−0.284	28°390
72.11.20	3	2 12 45.328		28 52 20.24		Z.C. δ 20″2
77.11.19	3	45.429		20.56		
91.12. 2	5	45.446		19.14		
1242	6.5	3.4883	+0.0257	+16.782	−0.286	29°392
83.11.20	5	2 12 46.350		29 36 45.37		
83.12.14	3	46.201		45.17		
84. 1.24	1	46.176		46.33		
1243	9.0	3.4289	+0.0227	+16.778	−0.282	25°381
72.12. 4	2	2 12 51.264		25 57 42.42		Z.C. δ 43″0
73.12.24	3	51.192		43.61		
1244	8.3	3.4823	+0.0254	+16.776	−0.285	29°393
79.12.18	3	2 12 53.391		29 14 10.09		
83.11.21	5	53.313		9.16		− 1 int.
83.12. 4	5	53.294		10.63		
1245	9.1	3.4901	+0.0258	+16.774	−0.287	29°394
75.11.18	2	2 12 56.264		29 41 48.79		†
83.11.28	3	56.173		48.79		Z.C. δ 48″7
90. 1. 1	7	56.391		48.63		
1246	9.2	3.4422	+0.0233	+16.772	−0.283	26°388
73.12. 9	3	2 12 59.428		26 46 42.52		†
1247	9.5	3.4554	+0.0240	+16.768	−0.284	— —
73.12.16	3	2 13 4.153		27 35 18.81		†
1248	8.0	3.4626	+0.0243	+16.745	−0.285	27°363
72.11.23	3	2 13 32.204		27 56 55.36		
72.12. 9	3	32.338		55.45		
72.12.11	3	32.369		55.78		
73. 1. 2	3	32.306		56.44		
1249	7.3	3.4662	+0.0245	+16.743	−0.285	28°393
85.12.15	7	2 13 34.533		28 9 38.68		
91.12.17	7	34.633		38.76		
91.12.19	7	34.813		39.25		
1250	8.2	3.4441	+0.0233	+16.736	−0.284	26°389
73.12. 9	3	2 13 43.917		26 47 7.91		
75.12.22	3	43.912		7.04		
78.12.14	3	43.890		7.34		
1251	8.3	3.4993	+0.0262	+16.735	−0.289	30°379
84.12.17	7	2 13 45.022		30 6 1.07		
92.12.13	7	45.144		1.15		

1252	$8^{m}6$	$3^{s}4868$	$+0^{s}0255$	$+16''733$	$-0''287$	29°396
79.12.22	3	$2^{h}13^{m}48^{s}009$		29° 21′ 33″53		Z.C. δ 33″8
83.11.29	3	48.066		34.40		
83.12.12	3	47.910		33.38		
1253	9.3	3.4804	+0.0252	+16.728	−0.287	28°394
72.11.20	3	2 13 54.265		28 57 41.82		
77.11.19	3	54.441		43.03		
79.12.18	2	54.427		43.14		
83. 1.20	3	54.321		42.02		
1254	9.1	3.4572	+0.0239	+16.726	−0.286	27°364
72.12. 9	3	2 13 56.744		27 33 15.93		
77.12.12	3	56.811		15.35		
79.12.11	3	57.229		16.22		
80. 1.12	3	56.888		14.06		B + 3″
1255	8.7	3.4454	+0.0233	+16.724	−0.285	26°390
73.12. 9	1	2 13 58.967		26 49 39.43		
74.12.30	3	58.902		39.19		
1256	9.5	3.4526	+0.0237	+16.723	−0.285	27°365
73.12.16	2	2 13 59.354		27 16 15.53		
89.12.10	7	59.325		14.22		
1257	8.9	3.5027	+0.0263	+16.720	−0.289	30°380
86.12.16	5	2 14 3.674		30 14 49.73		
87. 1.10	5	3.698		52.07		
87. 1.12	7	3.643		50.44		
1258	8.9	3.4566	+0.0239	+16.718	−0.285	27°366
72.12.11	3	2 14 6.263		27 29 49.86		
73. 1. 2	3	6.099		48.71		
83.11.20	4	6.147		48.31		
1259	8.6	3.4395	+0.0230	+16.708	−0.285	26°391
73.12.11	3	2 14 18.698		26 24 30.76		
75.12.22	3	18.676		28.00		
84. 1.18	3	18.869		28.10		-5^{s}
1260	9.3	3.4712	+0.0246	+16.702	−0.287	— —
77.11.19	3	2 14 25.816		28 20 14.66		$+1^{m}$ † Z.C. δ 14″7
1261	9.0	3.4255	+0.0223	+16.701	−0.284	25°384
72.12. 4	3	2 14 27.229		25 31 5.13		Z.C. δ 4″1
73.12.22	3	27.206		3.83		
77.12.18	3	27.247		3.32		
1262	9.0	3.4323	+0.0227	+16.700	−0.285	25°385
73.12.24	3	2 14 28.657		25 56 36.93		Z.C. Ep. 78.9
83.11.21	5	28.632		35.84		
1263	8.3	3.4966	+0.0259	+16.679	−0.290	29°399
75.11.18	3	2 14 54.321		29 45 28.53		
80. 1.12	3	54.290		25.68		
83.12. 4	4	54.286		28.21		
83.12.14	3	54.269		27.94		
84. 1.18	2	54.386		25.91		
1264	8.0	3.4510	+0.0235	+16.679	−0.287	26°392
73.12.11	3	2 14 54.567		27 1 54.85		
74.12.30	3	54.754		54.10		
83.11.28	4	54.397		54.96		
1265	$8^{m}7$	$3^{s}4959$	$+0^{s}0258$	$+16''679$	$-0''290$	29°400
93. 1.19	4	$2^{h}14^{m}54^{s}492$		29° 43′ 11″38		
93. 1.25	4	54.776		12.71		
1266	9.1	3.4502	+0.0235	+16.675	−0.287	26°393
73.12. 9	1	2 14 59.317		26 57 58.07		*
78.12.14	3	59.019		57.82		
1267	9.2	3.4729	+0.0246	+16.674	−0.288	28°398
72.11.20	3	2 15 0.598		28 20 30.95		†
77.11.19	1	0.583		32.64		Z.C. δ 31″8
84. 1.24	2	0.568		31.72		
1268	9.1	3.4816	+0.0251	+16.674	−0.289	28°399
74.12.19	3	2 15 0.706		28 51 31.61		
84.12. 9	7	0.603		30.75		
84.12.15	7	0.492		30.34		
1269	7.9	3.4970	+0.0259	+16.670	−0.291	29°401
93. 1.25	2	2 15 5.107		29 45 6.69		
93. 1.27	7	4.934		5.24		
1270	8.7	3.4281	+0.0224	+16.670	−0.285	25°387
73.12.22	3	2 15 5.966		25 35 6.36		
93. 2. 1	4	6.052		6.41		
1271	8.7	3.4299	+0.0225	+16.670	−0.285	25°388
72.12. 4	3	2 15 6.117		25 41 58.01		
73.12.24	3	6.189		56.00		
77.12.18	2	6.316		56.83		
1272	9.0	3.4296	+0.0225	+16.670	−0.285	25°389
85.12. 8	5	2 15 6.716		25 40 27.02		
93.12.11	7	6.567		27.03		
1273	9.0	3.4585	+0.0238	+16.656	−0.287	27°368
72.11.23	3	2 15 23.441		27 24 41.54		Z.C. δ 41″4
72.12. 9	3	23.332		41.00		
72.12.11	3	23.492		41.26		
73. 1. 2	3	23.296		42.36		
73.12.16	3	23.243		40.68		
77.12.12	3	23.403		41.75		
1274	8.6	3.4529	+0.0235	+16.654	−0.288	26°395
74.12.30	2	2 15 25.943		27 4 8.67		Z.C. δ 9″2
83.11.29	3	25.699		9.76		
1275	9.5	3.4389	+0.0229	+16.650	−0.287	26°396
93.12.14	6	2 15 30.445		26 11 59.84		
93.12.15	7	30.529		61.36		
1276	8.0	3.4387	+0.0228	+16.625	−0.288	26°397
73.12.11	3	2 16 0.548		26 6 41.78		
78.12.14	3	0.777		42.13		
1277	9.4	3.4252	+0.0221	+16.625	−0.286	25°391
93.12. 4	6	2 16 1.732		25 16 24.64		
93.12. 7	7	1.875		26.02		
94. 1.11	7	1.535		27.16		
94. 1.12	5	1.590		25.73		
94. 1.26	7	1.745		26.61		

1278	$9^{m}.0$	$3^{s}.4209$	$+0^{s}.0219$	$+16''.623$	$-0''.286$	24°341
92.12.13	5	$2^{h}16^{m}\,4^{s}.166$	24° 59′ 23″.13			
93. 2. 1	1	3.915	23.11			
93.11.28	7	4.082	19.87			
1279	8.6	3.4627	+0.0240	+16.622	−0.290	27°369
72.11.23	3	2 16 4.668	27 34 15.47			w. 6 − 10ˢ
73. 1. 2	3	4.710	16.77			
73.12.16	1	4.444	13.93			
77.12.12	3	4.582	17.41			
1280	8.5	3.4970	+0.0257	+16.622	−0.292	29°402
79.12.18	2	2 16 4.864	29 35 45.09			Z.C. δ 45″.4
79.12.22	3	4.964	44.94			
83. 1.20	3	4.731	45.87			
83.11.28	1	4.797	45.79			
1281	8.8	3.4726	+0.0244	+16.621	−0.290	28°402
83.11.20	5	2 16 5.285	28 9 14.99			
83.12.14	3	5.186	15.20			
88.11.16	4	5.136	16.60			
89.12.11	7	5.145	17.01			
91.11.21	7	5.171	15.49			
91.12.23	7	5.403	15.14			
1282	8.9	3.4966	+0.0257	+16.618	−0.292	29°403
80. 1.12	3	2 16 8.914	29 33 21.08			
84. 1.24	1	9.007	23.88			
1283	9.0	3.4255	+0.0221	+16.618	−0.287	25°392
73.12.22	3	2 16 9.965	25 16 3.62			
73.12.24	3	10.100	4.51			
77.12.18	2	10.304	2.25			
91.12. 2	3	10.206	3.63			
91.12.11	6	10.211	2.10			
1284	8.8	3.4453	+0.0231	+16.614	−0.289	26°398
73.12. 9	2	2 16 14.735	26 28 49.83			
83.12. 4	4	14.897	53.48			
89.11.26	7	14.751	50.54			§
1285	9.3	3.4348	+0.0226	+16.611	−0.288	25°393 A
84.12.17	6	2 16 17.636	25 49 34.52			† d.n.p.
B.D. identification doubtful: see appendix 1285, 1285ᵃ						
1286	9.0	3.4723	+0.0244	+16.605	−0.291	28°403
72.11.20	3	2 16 25.133	28 5 26.38			
74.12.19	3	25.213	27.63			
1287	9.4	3.4793	+0.0247	+16.589	−0.292	28°404
83.11.21	3	2 16 44.559	28 26 56.42			Z.C. δ 55″.7
89.12.10	7	44.636	55.03			
1288	8.7	3.5080	+0.0261	+16.588	−0.295	30°387
79.12.18	2	2 16 46.506	30 6 43.21			
79.12.22	3	46.341	42.87			
1289	9.3	3.4674	+0.0241	+16.587	−0.292	27°370
85.12.15	7	2 16 48.897	27 44 3.11			
91.12.17	7	48.766	6.62			
1290	9.1	3.4594	+0.0237	+16.573	−0.291	27°371
86.12.16	5	2 17 4.290	27 13 0.88			
87. 1.10	5	4.445	1.42			
87. 1.12	5	4.431	0.72			
1291	9.5	$3^{s}.4426$	$+0^{s}.0228$	$+16''.557$	$-0''.291$	26°400
73.12. 9	1	$2^{h}17^{m}23^{s}.608$	26° 9′ 2″.62			
73.12.11	3	23.554	1.08			
75.12.22	3	23.514	3.33			v. ft.
1292	7.5	3.4849	+0.0249	+16.557	−0.294	28°409
74.12.19	3	2 17 23.711	28 40 34.56			
85.12. 8	7	23.756	34.66			
1293	8.0	3.4582	+0.0236	+16.555	−0.292	27°373
72.11.23	3	2 17 26.254	27 5 28.37			
72.12. 9	3	25.861	27.17			
72.12.11	3	26.121	28.17			§
73. 1. 2	3	25.992	27.91			
77.12.12	3	26.184	27.71			
1294	9.3	3.4948	+0.0254	+16.552	−0.294	29°405
83.11.20	4	2 17 30.542	29 14 1.30			Z.C. δ 1″.8
83.12.12	4	30.594	2.24			+5′
1295	8.4	3.5096	+0.0261	+16.551	−0.296	29°406
75.11.18	3	2 17 31.031	30 5 5.62			Z.C. δ 4″.3
79.12.18	3	30.969	3.63			
83.11.29	3	30.880	3.77			
1296	8.5	3.4783	+0.0245	+16.545	−0.293	28°410
72.11.20	3	2 17 39.062	28 15 18.59			
77.11.19	3	38.995	20.46			
91.11.11	7	39.050	18.66			
91.11.13	7	38.937	19.14			
1297	8.0	3.4238	+0.0219	+16.534	−0.290	24°344
74.12.29	1	2 17 52.716	24 55 8.06			Z.C. δ 8″.4
80. 1.12	3	52.351	9.24			
83.11.21	4	52.340	8.28			
84. 1.21	3	52.413	8.07			
1298	9.0	3.4353	+0.0224	+16.533	−0.291	25°394
72.12. 4	3	2 17 52.818	25 38 7.54			
73.12.22	3	52.736	6.63			
73.12.24	3	52.778	5.31			− 1 int.
1299	9.0	3.4391	+0.0226	+16.533	−0.292	25°395
74.12.29	3	2 17 53.810	25 51 52.54			* bad night
77.12.18	3	53.628	47.95			Z.C. α 53.53
83.11.28	2	53.301	49.35			− 5′. Z.C. δ 49″.4
1300	9.3	3.4585	+0.0235	+16.527	−0.293	26°402
83. 1.18	3	2 18 0.279	27 1 25.24			†
1301	8.5	3.4603	+0.0236	+16.523	−0.293	27°374
73. 1. 2	2	2 18 4.552	27 7 1.06			Z.C. δ 0″.7
79.12.11	3	4.561	0.41			
79.12.22	3	4.620	0.61			
1302	9.0	3.4655	+0.0238	+16.521	−0.293	27°376
72.12. 9	3	2 18 8.134	27 25 34.25			
72.12.11	3	8.034	35.16			
1303	9.0	3.4613	+0.0237	+16.520	−0.293	27°375
73.12.16	3	2 18 8.581	27 10 12.28			Z.C. δ 12″.2
83.12.12	3	8.554	11.64			
84. 1.24	3	8.572	12.63			

1304	$7^{\rm m}.8$	$3^{\rm s}.4980$	$+0^{\rm s}.0254$	$+16''.517$	$-0''.296$	29°410
83.11.29	4	$2^{\rm h}18^{\rm m}12^{\rm s}.144$		$29^\circ\,18'\,53''.15$		Z.C. δ $53''.0$
83.12. 4	3	12.030		53.66		
83.12.14	4	11.956		52.23		
1305	9.2	3.4431	+0.0227	+16.496	−0.293	25°396
84.12. 9	6	2 18 38.084		26 0 7.60		
84.12.15	7	37.986		6.64		
1306	9.1	3.4302	+0.0220	+16.484	−0.292	25°397
84.12.17	7	2 18 52.397		25 10 43.59		
86.12.16	5	52.397		43.61		
87. 1.10	4	52.439		46.35		
87. 1.12	2	52.374		44.66		
1307	8.7	3.5008	+0.0254	+16.483	−0.298	29°412
79.12.11	3	2 18 52.881		29 21 47.91		
79.12.18	3	52.809		50.18		
90. 1. 1	7	53.103		49.57		
1308	9.5	3.4545	+0.0232	+16.466	−0.294	26°405
73.12.11	3	2 19 14.279		26 35 50.60		Z.C. α $14^{\rm s}.48$
78.12.14	2	14.687		50.22		v. ft.
1309	8.8	3.4697	+0.0239	+16.456	−0.296	27°378
72.11.23	3	2 19 26.103		27 29 2.52		Z.C. δ $2''.4$
72.12. 9	3	26.154		1.89		
72.12.11	3	26.256		2.43		
73. 1. 2	2	26.254		3.32		
73.12.16	3	26.103		1.31		
77.12.12	3	26.096		3.07		
1310	8.7	3.5172	+0.0262	+16.452	−0.300	30°395
75.11.18	3	2 19 30.711		30 12 2.29		
79.12.22	3	30.703		1.64		
1311	9.0	3.4546	+0.0231	+16.447	−0.295	26°407
75.12.22	3	2 19 36.576		26 33 9.85		
83.12. 4	4	36.498		10.61		
84. 1.24	3	36.485		10.68		
1312	7.6	3.4372	+0.0223	+16.438	−0.294	25°398
72.12. 4	3	2 19 46.784		25 28 40.89		
73.12.22	3	46.827		40.46		
74.12.29	3	47.188		39.35		
77.12.18	2	46.843		41.20		
1313	9.3	3.4763	+0.0241	+16.434	−0.298	27°380
73.12.16	1	2 19 52.649		27 48 7.30		Z.C. δ $6''.4$
77.12.12	2	52.227		5.44		
1314	6.5	3.4536	+0.0231	+16.432	−0.296	26°409
73.12. 9	3	2 19 54.138		26 27 2.59		
73.12.11	3	54.025		1.70		
74.12.30	3	54.162		3.89		
1315	9.3	3.4860	+0.0245	+16.422	−0.299	28°417
72.11.20	3	2 20 6.233		28 19 53.03		
77.11.19	3	6.276		53.43		
83.12.14	4	6.199		52.38		$-1'$
1316	9.0	3.4541	+0.0230	+16.415	−0.296	26°410
73.12. 9	3	2 20 15.028		26 25 52.84		
78.12.14	3	14.934		53.12		

1317	$9^{\rm m}.0$	$3^{\rm s}.4319$	$+0^{\rm s}.0220$	$+16''.413$	$-0''.295$	24°351
85.12. 8	5	$2^{\rm h}20^{\rm m}16^{\rm s}.680$		$25^\circ\,\,5'\,10''.93$		
87. 1.20	7	16.738		10.89		
89.12.11	7	16.687		11.60		
1318	9.4	3.4879	+0.0246	+16.413	−0.300	28°418
74.12.19	3	2 20 17.124		28 24 46.19		
89.11.26	7	17.091		44.28		§
93.11.28	6	16.775		47.71		v. ft.
93.12. 1	5	16.909		46.62		
1319	9.1	3.4997	+0.0252	+16.409	−0.301	28°419
79.12.22	1	2 20 21.899		29 4 39.78		
84. 1.18	3	21.878		40.01		
1320	9.0	3.4600	+0.0233	+16.406	−0.298	26°411
75.12.22	3	2 20 25.020		26 45 45.02		Z.C. δ $44''.4$
80. 1.12	3	24.988		43.77		
1321	9.2	3.4985	+0.0251	+16.402	−0.301	28°420
83.11.29	3	2 20 30.260		28 59 17.85		Z.C. δ $17''.1$
89.12.10	6	30.360		16.40		
1322	9.1	3.4702	+0.0237	+16.387	−0.299	27°383
84.12. 9	5	2 20 48.770		27 18 31.72		
84.12.15	5	48.780		32.01		
1323	5.5	3.5015	+0.0252	+16.385	−0.302	29°417
79.12.18	3	2 20 50.386		29 6 35.32		Z.C. δ $35''.6$
83.12.14	1	50.480		36.17		
84. 1.21	4	50.602		34.80		
84. 1.24	2	50.594		36.13		
1324	7.8	3.5052	+0.0254	+16.384	−0.302	29°418
75.11.18	3	2 20 51.703		29 18 41.73		
79.12.11	3	51.788		39.23		
83. 1.20	3	51.669		40.98		
1325	9.2	3.4368	+0.0221	+16.377	−0.296	25°404
72.12. 4	3	2 21 0.058		25 17 20.83		
73.12.22	3	0.040		21.46		
74.12.29	3	0.459		19.04		
77.12.18	2	0.219		20.98		
1326	9.1	3.4562	+0.0230	+16.368	−0.299	26°413
74.12.30	3	2 21 11.053		26 25 43.99		
91.11.11	7	11.149		43.15		
91.12.17	7	11.209		41.42		
91.12.19	7	11.529		41.63		
1327	8.6	3.5038	+0.0252	+16.363	−0.303	29°419
79.12.18	3	2 21 16.386		29 10 28.14		
84. 1.21	2	16.417		27.09		
1328	9.1	3.4494	+0.0227	+16.361	−0.298	25°406
90. 1. 1	7	2 21 19.301		26 0 14.36		
91.11.17	2	19.425		12.58		
91.11.21	7	19.331		12.01		
1329	9.5	3.5161	+0.0259	+16.359	−0.304	29°420
91.12.11	7	2 21 20.752		29 51 29.54		†

1330	$8^m.1$	$3^s.5033$	$+0^s.0252$	$+16''.356$	$-0''.303$	29°421
80. 1.12	3	$2^h 21^m 25^s.120$	$29° 7' 33''.06$			
84. 1.18	4	25.316	33.03			
1331	9.4	3.5175	+0.0259	+16.353	−0.304	29°422
75.11.18	2	2 21 28.196	29 54 44.56			
95. 1.10	7	27.908	45.69			
95. 1.18	6	28.162	44.69			v. ft.
95. 1.23	7	28.013	45.18			
1332	7.5	3.5077	+0.0255	+16.353	−0.303	29°423
83.11.29	4	2 21 28.625	29 22 6.24			Z.C. δ $6''.8$
83.12. 4	4	28.596	7.38			
1333	9.1	3.5152	+0.0258	+16.348	−0.304	29°424
84.12.17	7	2 21 34.758	29 46 6.85			
91.12. 4	7	35.073	6.39			
1334	8.4	3.4619	+0.0233	+16.345	−0.300	26°416
73.12. 9	3	2 21 38.049	26 41 57.40			
73.12.11	3	38.005	56.25			
83.12.12	5	38.011	57.59			
1335	9.0	3.4698	+0.0236	+16.343	−0.301	27°385
72.11.23	3	2 21 40.047	27 9 45.62			$+1^s$
72.12. 9	3	40.159	44.23			
73. 1. 2	3	39.969	45.90			
73.12.16	3	40.012	43.90			
1336	9.2	3.4804	+0.0241	+16.335	−0.301	27°386
72.12.11	2	2 21 49.538	27 45 17.27			clouds
85.12.15	5	50.040	15.75			
92.12.13	6	50.325	15.75			
1337	9.0	3.4937	+0.0247	+16.330	−0.303	28°421
72.11.20	3	2 21 55.245	28 30 26.80			
74.12.19	3	55.534	26.51			
77.11.19	3	55.274	27.53			
85.12. 8	5	55.330	27.25			
1338	9.0	3.4575	+0.0230	+16.321	−0.300	26°418
73.12.11	2	2 22 5.829	26 22 52.60			Z.C. α $5^s.80$
74.12.30	3	5.677	53.28			Z.C. δ $53''.2$
79.12.11	3	5.881	53.79			$-5'$
1339	9.0	3.4769	+0.0239	+16.310	−0.302	27°388
73. 1. 2	3	2 22 18.991	27 28 58.47			
77.12.12	3	19.042	58.38			
79.12.22	3	19.225	57.89			
80. 1.12	3	18.832	56.84			
1340	9.3	3.4741	+0.0236	+16.293	−0.302	27°389
72.11.23	3	2 22 39.033	27 16 27.08			
72.12.11	3	38.890	26.01			
73.12.16	2	38.880	26.50			
1341	9.3	3.4962	+0.0247	+16.277	−0.303	28°425
72.11.20	3	2 22 58.817	28 29 21.91			
74.12.19	3	58.759	22.60			
86.12.16	5	58.711	22.48			
87. 1.10	5	58.927	23.58			
87. 1.12	3	58.763	23.46			

1342	$9^m.0$	$3^s.4697$	$+0^s.0234$	$+16''.268$	$-0''.303$	26°420
73.12. 9	3	$2^h 23^m 8^s.282$	$26° 57' 5''.46$			
75.12.22	3	8.202	5.37			
78.12.14	3	8.214	4.75			
1343	6.2	3.4319	+0.0217	+16.257	−0.300	24°358
88.11. 9	7	2 23 21.227	24 40 46.95			§
88.12. 1	7	21.096	46.84			†
1344	8.6	3.4753	+0.0236	+16.257	−0.304	27°391
72.12. 9	3	2 23 21.833	27 14 32.40			Z.C. δ $33''.7$
73. 1. 2	3	21.801	34.61			
77.12.12	2	21.637	33.63			
79.12.18	3	21.743	33.51			
79.12.22	3	21.787	34.34			
1345	9.4	3.4909	+0.0244	+16.250	−0.305	28°429
83. 1.20	3	2 23 29.881	28 6 47.36			Z.C. δ $46''.8$
83.11.29	2	29.564	47.04			
83.12. 4	3	30.002	46.10			
1346	9.0	3.5270	+0.0261	+16.239	−0.309	30°403
84.12. 9	6	2 23 43.178	30 5 44.06			
84.12.15	6	43.195	44.03			
89.12.10	7	43.275	43.97			
1347	9.3	3.4525	+0.0225	+16.228	−0.303	25°413
72.12. 4	3	2 23 56.101	25 49 53.52			
73.12.22	3	56.032	53.49			
83.12.14	4	56.008	52.08			
1348	9.1	3.4623	+0.0229	+16.210	−0.304	26°423
84.12.17	7	2 24 16.010	26 21 35.61			
87. 1.20	7	16.048	35.21			
89.11.26	7	16.140	30.52			§
1349	7.4	3.4736	+0.0234	+16.210	−0.306	26°424
73.12. 9	3	2 24 16.241	27 0 46.76			
73.12.11	3	16.167	47.35			
74. 1.21	3	16.129	47.84			
74.12.30	3	16.148	46.43			
1350	8.9	3.4860	+0.0239	+16.176	−0.308	27°393
72.11.23	3	2 24 56.341	27 38 19.64			Z.C. δ $19''.6$
72.12. 9	3	56.258	19.36			
72.12.11	2	56.266	20.47			
73. 1. 2	3	56.364	20.49			
73.12.16	3	56.062	19.67			
80. 1.12	3	56.364	17.94			
1351	7.8	3.4928	+0.0242	+16.174	−0.308	27°394
77.12.12	3	2 24 58.287	28 0 44.09			
79.12.18	3	58.365	44.20			
83.12.12	4	58.271	44.30			
1352	9.1	3.4589	+0.0226	+16.173	−0.305	25°416
85.12. 8	7	2 24 59.121	26 3 36.04			
85.12.15	7	58.951	34.11			
1353	8.4	3.5066	+0.0249	+16.162	−0.310	28°431
72.11.20	3	2 25 12.434	28 45 26.08			
74.12.19	3	12.646	26.18			
79.12.22	3	12.589	25.75			

1354	$9^m.0$	$3^s.4531$	$+0^s.0224$	$+16''.161$	$-0''.305$	$25^\circ 417$
72.12. 4	3	$2^h 25^m 13^s.258$		$25^\circ 41' 39''.49$		
73.12.22	3	13.216		39.81		
74.12.29	2	13.266		37.83		
86.12.16	7	13.241		38.76		
87. 1.10	4	13.410		38.99		
1355	8.9	3.4402	+0.0218	+16.157	−0.304	$24^\circ 364$
83. 1.20	3	2 25 18.738		24 55 8.99		Z.C. δ 8″.2
83.11.29	3	18.679		7.19		
83.12. 4	2	18.494		8.40		
1356	7.4	3.5199	+0.0254	+16.133	−0.312	$29^\circ 434$
84.12. 9	5	2 25 45.946		29 24 42.69		
84.12.15	6	45.951		43.01		
89.12.11	7	45.986		44.62		
93. 1.25	7	46.044		42.88		
1357	8.8	3.4553	+0.0224	+16.128	−0.307	$25^\circ 420$
73.12.22	3	2 25 51.724		25 43 60.43		
74.12.29	2	51.840		58.91		
79.12.18	3	51.785		61.14		
83.12.14	4	51.686		59.60		
1358	8.6	3.4753	+0.0232	+16.099	−0.309	$26^\circ 425$
73.12. 9	3	2 26 25.083		26 49 11.20		
73.12.11	3	25.127		13.65		
74. 1.21	3	25.103		14.33		
74.12.30	3	25.023		12.19		
1359	9.5	3.4927	+0.0240	+16.096	−0.311	$27^\circ 398$
73.12.16	3	2 26 28.132		27 48 4.76		†
1360	9.4	3.4768	+0.0233	+16.076	−0.310	$26^\circ 426$
73.12. 9	3	2 26 50.912		26 51 12.87		†
1361	9.0	3.4751	+0.0232	+16.073	−0.310	$26^\circ 427$
73.12.11	3	2 26 54.746		26 44 25.24		Z.C. Ep. 76.3
75.12.22	3	54.562		25.15		
78.12.14	3	54.691		22.63		
1362	8.4	3.4997	+0.0243	+16.057	−0.312	$28^\circ 435$
72.11.20	3	2 27 11.036		28 5 23.46		Z.C. Ep. 77.1
74.12.19	3	11.084		24.89		
77.11.19	3	11.042		24.96		
79.12.18	3	11.059		24.20		
80. 1.12	3	10.899		22.39		
1363	9.2	3.5401	+0.0261	+16.049	−0.316	$30^\circ 412$
92.12.13	5	2 27 22.976		30 16 1.28		
93.11.28	4	22.948		2.52		
1364	8.9	3.4958	+0.0241	+16.046	−0.313	$27^\circ 401$
72.11.23	3	2 27 25.835		27 50 22.17		Z.C. δ 21″.5
72.12. 9	3	25.858		21.13		
73. 1. 2	3	25.801		21.57		
73.12.16	3	25.840		21.14		
1365	9.2	3.4873	+0.0237	+16.042	−0.312	$27^\circ 402$
73.12.16	1	2 27 29.990		27 21 28.47		
76. 1.22	3	30.127		28.55		
77.12.12	3	30.009		29.24		
1366	$9^m.5$	$3^s.4487$	$+0^s.0219$	$+16''.041$	$-0''.308$	$25^\circ 422$
73.12.22	3	$2^h 27^m 31^s.067$		$25^\circ 8' 10''.34$		
93.12. 4	5	31.418		9.21		
1367	8.2	3.5392	+0.0260	+16.018	−0.317	$30^\circ 414$
84.12. 9	6	2 27 58.152		30 7 54.21		
84.12.15	7	58.047		54.96		
87. 1.20	5	58.055		55.67		
1368	9.3	3.4793	+0.0232	+16.013	−0.312	$26^\circ 429$
73.12. 9	3	2 28 3.879		26 49 33.62		
74. 1.21	3	4.046		33.67		
74.12.30	3	3.813		32.76		
75.12.22	3	3.633		33.00		
1369	8.9	3.4634	+0.0225	+16.001	−0.312	$25^\circ 423$
72.12. 4	3	2 28 17.297		25 53 30.93		
73.12.22	3	17.140		29.71		
74.12.29	3	17.486		28.78		§
79.12.18	3	17.341		29.89		
1370	7.9	3.5131	+0.0248	+15.997	−0.316	$28^\circ 437$
77.11.19	3	2 28 21.509		28 40 26.91		Z.C. δ 26″.0
80. 1.12	3	21.737		24.55		
83.11.29	7	21.621		26.81		
84. 1.18	3	21.745		25.73		
1371	7.9	3.5260	+0.0253	+15.981	−0.318	$29^\circ 438$
83.12. 4	4	2 28 40.075		29 19 37.31		C − 20″
83.12.14	4	40.128		35.19		
1372	7.0	3.5174	+0.0249	+15.978	−0.317	$28^\circ 438$
74.12.19	3	2 28 42.817		28 51 22.89		
83. 1.20	3	42.714		22.05		
84. 1.24	3	42.792		22.66		
1373	8.0	3.4775	+0.0231	+15.969	−0.314	$26^\circ 432$
73.12. 9	2	2 28 53.334		26 37 7.07		
73.12.11	3	53.429		9.67		
74. 1.21	3	53.399		7.97		
1374	8.4	3.5027	+0.0242	+15.965	−0.316	$27^\circ 405$
89.12.10	7	2 28 57.718		28 0 59.07		
91.11.11	6	57.767		58.85		$+1^m$
91.11.13	7	57.753		58.17		
1375	9.1	3.5055	+0.0243	+15.963	−0.316	$28^\circ 439$
79.12.18	3	2 29 0.314		28 9 33.80		
79.12.22	3	0.274		32.64		
84. 1.21	3	0.304		32.62		
1376	8.0	3.4833	+0.0234	+15.963	−0.314	$26^\circ 433$
75.12.22	3	2 29 0.740		26 55 31.01		
84. 1.18	3	0.901		30.78		
1377	9.2	3.4848	+0.0234	+15.959	−0.314	$26^\circ 434$
72.11.23	3	2 29 4.300		27 0 7.07		
72.12. 9	3	4.119		6.90		
73 .1. 2	3	4.286		8.51		
77.12.12	3	4.223		7.78		
1378	9.2	3.5357	+0.0256	+15.937	−0.320	$29^\circ 441$
86.12.16	5	2 29 29.152		29 43 57.04		
87. 1.10	5	29.331		56.56		
87. 1.12	5	29.255		56.41		

1379	$8^{\mathrm{m}}.9$	$3^{\mathrm{s}}.5338$	$+0^{\mathrm{s}}.0255$	$+15''.936$	$-0''.320$	29°442
79.12.22	3	$2^{h}29^{m}30^{s}.072$		$29°\,37'\,35''.86$		
89.12.11	7	30.162		36.08		
1380	9.1	3.5106	+0.0244	+15.928	−0.318	28°441
74.12.19	3	2 29 39.380		28 21 27.23		
90. 1. 1	7	39.484		27.46		
1381	7.8	3.5390	+0.0257	+15.922	−0.321	29°444
83.12. 4	4	2 29 46.151		29 51 45.87		
84.12.17	7	46.180		44.05		
1382	8.6	3.4792	+0.0230	+15.911	−0.316	26°437
74. 1.21	3	2 29 59.362		26 34 3.80		
78.12.14	3	59.418		0.68		
1383	9.0	3.5278	+0.0252	+15.899	−0.321	29°445
83.12.12	3	2 30 12.401		29 12 34.15		Z.C. δ 33″.4
93. 2. 1	4	12.316		32.66		
1384	9.0	3.4962	+0.0237	+15.893	−0.318	27°408
72.12. 9	3	2 30 19.346		27 28 14.51		
79.12.22	3	19.548		14.81		
1385	9.0	3.4691	+0.0225	+15.885	−0.316	25°426
72.12. 4	3	2 30 28.061		25 55 48.10		
73.12.22	3	27.905		48.19		
1386	8.8	3.5023	+0.0239	+15.885	−0.319	27°410
73. 1. 2	3	2 30 28.506		27 47 29.90		
83.12.14	4	28.442		28.21		
1387	9.3	3.5216	+0.0248	+15.879	−0.321	28°444
84.12. 9	7	2 30 34.877		28 49 28.53		
84.12.15	7	34.810		28.51		
1388	8.6	3.4976	+0.0237	+15.872	−0.318	27°411
84. 1.18	3	2 30 42.345		27 30 10.48		Z.C. δ 11″.7
91.12. 2	5	42.124		12.23		
91.12.11	7	42.298		12.05		
91.12.17	7	42.269		10.80		
91.12.19	7	42.414		12.84		
1389	8.7	3.4649	+0.0223	+15.871	−0.316	25°428
74.12.29	3	2 30 44.511		25 39 42.85		
84. 1.21	3	44.506		42.04		
1390	9.2	3.5176	+0.0245	+15.864	−0.321	28°445
91.12. 4	6	2 30 52.091		28 33 55.21		
93. 1.27	2	52.304		54.13		
93.12. 7	6	51.798		56.81		
1391	9.0	3.5100	+0.0242	+15.856	−0.320	28°446
74.12.19	3	2 31 1.192		28 8 19.95		
79.12.18	3	1.138		20.75		
1392	8.5	3.4893	+0.0233	+15.846	−0.318	26°438
83.12.12	4	2 31 12.189		26 58 20.21		
93. 2. 1	6	12.137		18.64		
1393	8.8	3.4669	+0.0223	+15.838	−0.317	25°430
72.12.11	3	2 31 20.743		25 41 51.69		
93.12. 9	7	20.575		47.31		
1394	$8^{\mathrm{m}}.7$	$3^{\mathrm{s}}.5459$	$+0^{\mathrm{s}}.0258$	$+15''.836$	$-0''.324$	29°448
93. 1.27	2	$2^{h}31^{m}23^{s}.690$		$29°\,59'\,52''.20$		
93.12. 4	4	23.387		55.29		
1395	9.0	3.4724	+0.0225	+15.832	−0.318	25°431
83.12.14	4	2 31 27.615		25 59 32.98		
93.12. 1	7	27.900		34.17		
1396	9.1	3.4798	+0.0228	+15.826	−0.318	26°439
78.12.14	3	2 31 33.794		26 24 4.70		
93.12.11	7	33.617		4.84		
1397	8.8	3.4974	+0.0236	+15.825	−0.318	27°412
72.12. 9	3	2 31 35.175		27 22 29.33		
73. 1. 2	3	35.080		31.87		
1398	9.1	3.5158	+0.0244	+15.818	−0.322	28°448
90. 1.27	7	2 31 43.528		28 21 22.76		†
1399	8.7	3.4621	+0.0220	+15.797	−0.318	25°432
79.12.18	3	2 32 6.300		25 19 49.61		
92.12.13	4	6.244		48.50		
1400	9.1	3.4645	+0.0221	+15.783	−0.319	25°433
72.12. 4	3	2 32 22.175		25 26 27.79		
84.12.17	7	22.240		27.77		
1401	9.2	3.4739	+0.0225	+15.762	−0.320	25°434
84.12. 9	7	2 32 45.568		25 54 47.72		
84.12.15	7	45.265		47.66		
1402	9.2	3.4877	+0.0231	+15.760	−0.321	26°441
84. 1.18	3	2 32 47.756		26 40 53.22		
93.12.14	5	47.344		53.70		
1403	9.0	3.5129	+0.0241	+15.756	−0.324	27°415
72.12. 9	3	2 32 52.421		28 3 3.45		
93.12.15	7	52.431		6.79		
1404	7.6	3.5357	+0.0251	+15.754	−0.326	29°453
79.12.18	3	2 32 54.660		29 15 24.79		Z.C. α 54ˢ.61
93.12.22	7	54.564		23.12		
1405	9.2	3.5351	+0.0251	+15.748	−0.326	29°454
84. 1.21	3	2 33 1.499		29 13 3.74		
94. 1.11	7	0.991		0.51		
1406	5.5	3.4862	+0.0229	+15.728	−0.322	26°443
83.12.12	4	2 33 23.070		26 31 22.13		
93.12. 9	1	23.099		21.05		
1407	8.0	3.4784	+0.0225	+15.726	−0.322	25°436
89.12.11	7	2 33 25.218		26 4 61.14		
93. 2. 1	7	25.141		58.54		
1408	9.2	3.5266	+0.0246	+15.711	−0.326	28°450
93. 1.27	1	2 33 42.371		28 39 53.06		
95. 9.19	7	41.830		59.45		
95. 9.26	7	41.955		56.62		
95.11.18	7	41.850		53.65		
96.10. 9	4	42.063		55.17		clds. bad

1409	$9^{m}.0$	$3^{s}.4835$	$+0^{s}.0227$	$+15''.703$	$-0''.322$	26°444
83.12.14	4	$2^{h}33^{m}50^{s}.688$		$26°\ 19'\ 4''.05$		
94. 1.12	7	50.555		5.15		
1410	8.9	3.5009	+0.0234	+15.702	−0.324	27°419
79.12.18	2	2 33 51.819		27 16 11.86		
84. 1.21	2	51.816		10.18		
1411	9.1	3.4806	+0.0226	+15.701	−0.322	26°445
86. 1.28	5	2 33 52.530		26 8 58.60		
94. 1.26	7	52.156		58.76		
1412	8.3	3.4616	+0.0218	+15.698	−0.321	24°381
84. 1.18	3	2 33 56.462		25 4 36.34		
93.12. 1	3	56.447		36.80		
1413	9.2	3.5284	+0.0246	+15.691	−0.327	28°452
93.12. 7	2	2 34 4.606		28 42 47.07		
93.12.23	7	4.751		51.50		
1414	8.8	3.5062	+0.0236	+15.682	−0.325	27°420
87. 1.20	5	2 34 13.518		27 30 30.96		
92.12.13	2	13.545		31.39		
1415	8.0	3.4863	+0.0228	+15.673	−0.324	26°447
78.12.14	3	2 34 23.390		26 24 14.57		
94. 2. 8	7	23.736		16.67		
1416	8.5	3.4678	+0.0219	+15.651	−0.323	25°437
83.12.14	3	2 34 47.637		25 19 17.68		
84.12.17	7	47.773		17.92		
1417	9.3	3.5055	+0.0235	+15.635	−0.327	27°423
84.12. 9	2	2 35 5.765		27 21 48.63		
84.12.15	7	5.434		47.74		
1418	8.7	3.4802	+0.0224	+15.630	−0.324	25°438
79.12.18	3	2 35 11.382		25 58 5.47		
87. 1.10	5	11.473		4.71		
90. 1.27	7	11.373		5.70		
1419	7.6	3.4907	+0.0228	+15.597	−0.326	26°451
83.12. 4	7	2 35 46.823		26 28 12.82		
93. 2. 1	7	46.818		11.88		
1420		Fundamental Star				27°424
1421	8.8	3.4902	+0.0227	+15.575	−0.327	26°452
83.12.12	4	2 36 11.341		26 23 35.63		
89. 1.23	7	11.425		34.46		
1422	8.9	3.5134	+0.0237	+15.559	−0.330	27°425
84. 1.18	3	2 36 28.304		27 36 41.93		
89.12.10	7	28.411		42.73		
1423	6.4	3.4678	+0.0218	+15.552	−0.326	25°441
83.12.14	5	2 36 36.124		25 6 19.29		
87. 1.20	5	36.226		19.96		
1424	8.6	3.4938	+0.0228	+15.544	−0.328	26°454
78.12.14	1	2 36 44.833		26 31 14.26		
89.12.11	7	44.755		15.52		

1425	$7^{m}.9$	$3^{s}.5126$	$+0^{s}.0236$	$+15''.522$	$-0''.331$	27°428
73.12 16	2	$2^{h}37^{m}\ 8^{s}.799$		$27°\ 29'\ 2''.90$		
90. 1. 1	7	8.891		3.51		
1426	7.5	3.5403	+0.0248	+15.519	−0.333	28°455
83.12.14	1	2 37 12.112		28 55 50.58		c.d.m.
87. 1.10	5	12.135		50.05		c.d.m.
87. 1.12	5	12.019		50.93		Z.C. δ $50''.5$
1427	9.3	3.4809	+0.0222	+15.493	−0.329	25°444
73.12.22	2	2 37 39.687		25 42 17.52		
91.11.11	7	39.684		17.08		
91.11.13	7	39.625		16.61		
92.12.13	6	39.838		15.26		
1428	8.3	3.5301	+0.0242	+15.487	−0.334	28°456
77.11.19	2	2 37 45.772		28 19 37.79		Z.C. δ $37''.3$
83.12.12	3	45.907		37.54		
84.12.17	7	45.933		36.63		
1429	8.6	3.5594	+0.0254	+15.466	−0.337	29°461
83.12. 4	1	2 38 8.577		29 47 24.79		Z.C. α $8^{s}.57$
84.12. 9	7	8.585		23.19		Z.C. δ $24''.0$
84.12.15	7	8.536		23.90		
1430	8.8	3.4981	+0.0228	+15.463	−0.332	26°455
73.12. 9	3	2 38 12.484		26 34 28.67		
74. 1.21	3	12.488		27.59		
79.12.18	3	12.721		30.14		
80. 1.12	3	12.699		29.47		
1431	9.2	3.5628	+0.0255	+15.454	−0.338	29°462
85.12.15	5	2 38 21.915		29 55 51.14		
86. 1.27	5	21.907		50.79		
1432	9.3	3.5621	+0.0255	+15.449	−0.338	29°463
86. 1.28	7	2 38 27.640		29 52 40.56		
93. 1.19	3	27.999		39.24		
1433	9.1	3.4975	+0.0227	+15.442	−0.332	26°456
89. 1.23	7	2 38 34.517		26 29 60.41		
91.12.11	7	34.412		56.61		
1434	9.5	3.5466	+0.0247	+15.437	−0.337	28°458
93.12. 4	7	2 38 40.132		29 3 49.84		
93.12.11	5	40.065		56.53		
1435	9.1	3.5054	+0.0230	+15.425	−0.334	26°457
90. 1.27	7	2 38 52.647		26 53 26.59		†
1436	8.0	3.4731	+0.0217	+15.421	−0.330	25°449
73.12.22	3	2 38 57.317		25 7 37.27		Z.C. δ $36''.9$
77.12.18	3	57.352		36.47		†
1437	8.7	3.4991	+0.0227	+15.415	−0.333	26°458
78.12.14	3	2 39 3.459		26 31 35.08		
83. 1.26	3	3.357		36.17		
1438	9.0	3.5180	+0.0235	+15.414	−0.335	27°435
73. 1. 2	2	2 39 4.679		27 31 46.76		
76. 1.22	3	4.635		46.74		

1439 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.5113$ $+0^{\mathrm{s}}.0232$ $+15''.414$ $-0''.334$ $27^{\circ}434$
72.12. 9 3 $2^{\mathrm{h}}39^{\mathrm{m}}\ 5^{\mathrm{s}}.175$ $27^{\circ}\ 10'\ 21''.19$
73.12.16 2 5.118 21.56

1440 8.7 3.5507 +0.0249 +15.411 −0.337 $29^{\circ}465$
87. 1.10 5 2 39 8.454 29 13 13.60
87. 1.12 5 8.438 14.13

1441 9.0 3.5465 +0.0247 +15.400 −0.338 $28^{\circ}460$
93. 1.27 7 2 39 19.633 28 58 38.02
93. 2. 1 4 19.479 40.38

1442 9.1 3.5069 +0.0230 +15.400 −0.334 $26^{\circ}459$
89.12.11 7 2 39 19.928 26 54 32.16 †

1443 9.3 3.4934 +0.0224 +15.391 −0.333 $26^{\circ}460$
93.12. 7 7 2 39 29.747 26 9 55.78
93.12.14 7 29.426 56.79

1444 8.9 3.5435 +0.0245 +15.390 −0.338 $28^{\circ}461$
80. 1.12 3 2 39 30.986 28 48 5.04
92.12.13 4 31.000 5.90

1445 8.6 3.5581 +0.0252 +15.387 −0.339 $29^{\circ}468$
84. 1.18 3 2 39 33.917 29 32 13.25
93.12. 9 6 33.737 12.18

1446 9.0 3.5178 +0.0234 +15.371 −0.336 $27^{\circ}438$
72.12. 9 3 2 39 50.585 27 25 32.57
93. 2. 1 4 50.801 29.92

1447 8.2 3.4951 +0.0225 +15.368 −0.334 $26^{\circ}461$
73.12. 9 1 2 39 54.045 26 12 44.42
74.12.30 3 54.048 45.30

1448 9.2 3.5522 +0.0249 +15.364 −0.339 $29^{\circ}470$
90. 1. 1 7 2 39 58.854 29 10 54.90
93.12.15 7 58.585 53.45

1449 9.5 3.4939 +0.0224 +15.361 −0.334 $26^{\circ}462$
73.12. 9 3 2 40 1.223 26 8 8.47 †

1450 9.5 3.4813 +0.0219 +15.359 −0.333 $25^{\circ}450$
72.12. 4 3 2 40 3.862 25 27 7.57 †

1451 7.5 3.5521 +0.0248 +15.350 −0.339 $29^{\circ}471$
84.12.17 7 2 40 12.866 29 9 12.21
93.12. 1 7 12.764 12.02

1452 5.1 3.5444 +0.0245 +15.336 −0.339 $28^{\circ}462$
73. 1.27 3 2 40 28.062 28 43 34.94
74.12.19 3 28.382 35.41
77.11.19 3 28.226 35.76

1453 8.5 3.5407 +0.0242 +15.329 −0.339 $28^{\circ}463$
83. 1.26 3 2 40 36.038 28 31 12.55
84. 1.21 3 36.148 11.97

1454 8.1 3.5033 +0.0227 +15.318 −0.336 $26^{\circ}465$
74.12.30 3 2 40 46.993 26 32 54.15
93.12.22 7 47.161 51.12

1455 $8^{\mathrm{m}}.3$ $3^{\mathrm{s}}.5670$ $+0^{\mathrm{s}}.0253$ $+15''.315$ $-0''.343$ $29^{\circ}473$
84.12. 9 7 $2^{\mathrm{h}}40^{\mathrm{m}}50^{\mathrm{s}}.744$ $29^{\circ}\ 49'\ 13''.68$
84.12.15 7 50.646 13.73

1456 9.0 3.5290 +0.0237 +15.307 −0.339 $27^{\circ}441$
83.12.14 4 2 40 58.577 27 52 12.93
91.11.21 5 58.910 12.66
91.12.23 5 58.663 11.60
94. 1.11 7 58.540 13.24

1457 8.5 3.4715 +0.0214 +15.289 −0.334 $24^{\circ}394$
86. 1.28 5 2 41 17.871 24 46 23.11 Z.C. α $17^{\mathrm{s}}.98$
91.12.11 4 18.094 22.56 Z.C. δ $22''.8$

1458 8.9 3.4962 +0.0224 +15.288 −0.337 $26^{\circ}467$
74.12.30 3 2 41 19.138 26 5 41.87 Z.C. δ $42''.2$
83. 1.26 3 19.071 42.59

1459 8.6 3.4878 +0.0220 +15.283 −0.336 $25^{\circ}452$
77.12.18 3 2 41 24.709 25 38 18.44 Z.C. δ $17''.2$
80. 1.12 3 24.751 15.97

1460 9.5 3.4788 +0.0217 +15.280 −0.335 $25^{\circ}453$
94. 1.26 7 2 41 27.263 25 9 1.42
96. 1.17 7 27.470 5.02 v. ft.
96. 1.22 7 27.240 7.79 v. ft.
96. 1.28 7 27.316 5.26

1461 9.0 3.5485 +0.0245 +15.276 −0.342 $28^{\circ}464$
73. 1.27 3 2 41 32.173 28 48 16.00
83.12.12 4 32.346 16.42

1462 9.3 3.4742 +0.0214 +15.271 −0.335 $24^{\circ}397$
91.11.11 7 2 41 38.179 24 52 56.87 †

1463 9.4 3.5347 +0.0238 +15.251 −0.341 $27^{\circ}443$
94. 1.12 4 2 41 58.047 28 2 15.19
95.11.18 7 58.124 14.65
95.12.10 7 58.244 18.69 [2.3.+1^{s}
96. 1.29 3 58.049 14.46 ex.ft.w. 1−1^{s}
96. 1.30 7 58.076 19.04 v.ft.

1463^{a} 9.5 3.5325 +0.0237 +15.250 −0.341 $27^{\circ}444$
95. 9.27 7 2 41 58.984 27 55 41.20
95.11.14 7 59.270 43.69
96. 2. 4 7 59.303 44.27 v.ft.

1464 9.4 3.5392 +0.0240 +15.248 −0.342 $28^{\circ}466$
73. 1.27 2 2 42 1.248 28 16 25.36
74.12.19 3 1.282 25.99

1465 9.2 3.5756 +0.0256 +15.238 −0.346 $29^{\circ}479$
93. 1.27 7 2 42 12.479 30 4 35.77
93. 2. 1 7 12.465 37.64

1466 8.5 3.5009 +0.0224 +15.229 −0.339 $26^{\circ}468$
73.12. 9 3 2 42 21.906 26 13 56.35
92.12.13 6 22.252 58.06

1467 9.0 3.5641 +0.0250 +15.227 −0.345 $29^{\circ}480$
83. 1.26 3 2 42 23.733 29 28 37.94 †Z.C. δ $37''.9$

1467^{a}	$9^{m}0$	$3^{s}5079$	$+0^{s}0227$	$+15''222$	$-0''340$	26°469
95. 9.19	6	$2^{h}42^{m}29^{s}435$		26° 35′ 14″22		fog: v.ft.
95. 9.26	7	29.337		14.09		
96. 1.20	7	29.053		13.80		frost & fog
1468	9.0	3.5104	+0.0228	+15.220	−0.340	26°470
73.12. 9	2	2 42 30.830		26 43 14.65		
93.12.23	7	30.619		15.80		
1469	7.1	3.5750	+0.0255	+15.220	−0.346	29°481
80. 1.12	3	2 42 31.252		30 0 22.74		
84. 1.24	5	31.207		24.95		
1470		Fundamental Star				26°471
1471	8.1	3.4757	+0.0214	+15.195	−0.338	24°400
84.12. 9	5	2 42 57.407		24 48 51.15		†
1472	9.3	3.5610	+0.0248	+15.192	−0.345	29°482
93.12.14	4	2 43 0.275		29 15 2.78		
93.12.15	4	0.369		3.45		
1473	7.4	3.5729	+0.0253	+15.159	−0.348	29°484
83.12.12	3	2 43 34.605		29 46 8.75		
84. 1.18	3	34.768		8.60		
1474	7.7	3.5775	+0.0254	+15.157	−0.348	29°485
83.12.14	3	2 43 37.433		29 59 28.33		Z.C. δ 28″6
84. 1.24	2	37.634		28.88		
1475	9.5	3.5379	+0.0237	+15.119	−0.344	27°447
73.12.16	3	2 44 16.703		27 55 39.62		
91.11.11	6	16.796		40.77		
1476	8.3	3.5025	+0.0223	+15.118	−0.342	26°474
83. 1.26	3	2 44 17.545		26 5 47.18		−30′
84. 1.21	3	17.712		45.28		Z.C. α $17^{s}66$
89.12.17	5	17.449		46.07		
91.12.17	7	17.660		43.81		
91.12.19	7	17.943		47.29		
1477	9.5	3.5592	+0.0246	+15.109	−0.348	28°469
73. 1.27	3	2 44 27.307		28 59 8.57		
74.12.19	3	27.660		7.94		
1478	8.0	3.5156	+0.0227	+15.107	−0.344	26°475
73.12. 9	3	2 44 29.498		26 45 23.43		
74.12.30	3	29.592		25.35		
80. 1.12	3	29.595		23.21		
1479	8.3	3.5736	+0.0251	+15.101	−0.349	29°488
84. 1.18	3	2 44 35.816		29 40 37.18		
92.12.13	6	35.909		37.54		
93. 1.27	5	35.705		33.90		
1480	8.0	3.5804	+0.0254	+15.098	−0.350	29°489
83.12.12	3	2 44 38.404		30 0 29.29		Z.C. δ 28″7
93. 1.18	3	38.919		28.51		
93.12. 9	7	38.601		28.19		
1481	8.9	3.5658	+0.0248	+15.090	−0.349	29°491
83.12.14	4	2 44 46.684		29 16 17.20		
86. 2. 1	5	46.814		18.33		

1482	$8^{m}5$	$3^{s}5127$	$+0^{s}0226$	$+15''088$	$-0''344$	26°476
73.12. 9	2	$2^{h}44^{m}49^{s}073$		26° 34′ 7″78		
93.12. 7	7	48.949		8.36		
1483	9.0	3.5427	+0.0238	+15.088	−0.347	28°470
73. 1.27	3	2 44 49.736		28 6 37.15		
93.12. 4	7	49.758		37.90		
1484	8.7	3.5507	+0.0241	+15.086	−0.348	28°471
74.12.19	3	2 44 51.328		28 30 20.21		
86. 1.30	7	51.466		18.21		
1485	8.3	3.5742	+0.0251	+15.083	−0.350	29°492
93. 2. 1	7	2 44 54.537		29 39 55.12		
93. 2. 6	7	54.639		54.14		
1486	8.9	3.4772	+0.0212	+15.081	−0.341	24°405
91.11.21	7	2 44 56.320		24 40 57.50		†
1487	9.1	3.5565	+0.0243	+15.081	−0.349	28°472
86. 1.28	5	2 44 56.497		28 47 21.75		†
1488	8.7	3.5747	+0.0250	+15.053	−0.351	29°493
80. 1.12	3	2 45 25.297		29 37 46.32		
83. 1.20	3	25.167		48.74		
89. 1.23	7	25.294		47.35		
1489	8.6	3.5334	+0.0233	+15.050	−0.347	27°448
72.12. 9	3	2 45 28.426		27 33 42.40		
72.12.11	3	28.439		42.10		
73. 1. 2	3	28.254		43.35		
73.12.16	3	28.442		41.26		
1490	8.3	3.5613	+0.0245	+15.042	−0.350	28°473
77.11.19	3	2 45 36.820		28 56 48.28		
80. 1.26	3	36.791		47.19		
83. 1.26	3	36.612		47.66		
84. 1.21	3	36.734		45.97		
1491	9.5	3.4945	+0.0218	+15.040	−0.344	25°455
73.12.22	3	2 45 39.580		25 31 20.39		
90. 1.27	6	39.736		22.53		
1492	9.0	3.5232	+0.0229	+15.039	−0.346	26°478
74. 1.21	3	2 45 39.973		27 0 57.30		
74.12.30	3	39.986		56.24		
93. 1.19	7	40.083		58.27		
93. 1.20	7	40.014		56.40		
1493	8.9	3.4926	+0.0217	+15.030	−0.344	25°456
72.12. 4	3	2 45 49.806		25 24 6.86		Z.C. δ 6″8
73.12.22	3	49.676		6.36		
77.12.18	3	49.825		7.30		
1494	8.9	3.5700	+0.0248	+15.026	−0.352	29°494
79. 1.22	2	2 45 53.561		29 20 28.55		
80. 1.26	2	53.301		30.59		
84. 1.24	3	53.400		29.18		
1495	9.5	3.5133	+0.0225	+15.025	−0.346	26°479
73.12. 9	1	2 45 54.558		26 29 5.44		†

1496	8$^{\mathrm{m}}$8	3$^{\mathrm{s}}$5520	+0$^{\mathrm{s}}$0240	+15$''$002	−0$''$350	28°474
72.12.28	3	2$^{\mathrm{h}}$46$^{\mathrm{m}}$18$^{\mathrm{s}}$049		28° 24′ 27$''$91		
77.11.19	3	18.237		29.76		
80. 1.12	2	18.190		26.90		
83.12.14	4	18.200		28.01		
1497	9.0	3.5768	+0.0250	+14.987	−0.353	29°495
83. 2. 5	3	2 46 33.372		29 35 45.95		Z.C. δ 46$''$6
83.12.12	4	33.338		47.48		
84. 1.18	3	33.605		46.33		
1498	7.3	3.5102	+0.0223	+14.982	−0.346	26°480
78.12.14	3	2 46 38.784		26 14 7.50		
80. 1.31	3	38.881		8.15		
82. 1.23	3	38.803		8.16		
83. 1.20	3	38.677		7.53		
1499	9.0	3.5148	+0.0224	+14.970	−0.348	26°481
74. 1.21	3	2 46 50.983		26 26 57.34		
74.12.30	3	50.904		56.89		
1500	9.5	3.5423	+0.0235	+14.952	−0.351	27°453
72.12. 9	3	2 47 10.297		27 48 47.20		
72.12.11	3	10.278		47.52		
73. 1. 2	3	10.364		47.79		
73.12.16	3	10.393		46.48		
1501	9.4	3.5506	+0.0239	+14.935	−0.352	28°475
72.12.28	1	2 47 27.051		28 11 51.13		*
73. 1.27	3	27.465		52.96		
74. 1.24	3	27.430		50.31		
74.12.19	3	27.403		52.88		
1502	9.2	3.5315	+0.0230	+14.913	−0.351	27°454
76. 1.22	1	2 47 49.603		27 11 44.68		†
1503	8.4	3.5169	+0.0224	+14.905	−0.350	26°482
73.12. 9	3	2 47 57.974		26 25 52.79		
74. 1.21	3	57.897		53.61		
74.12.30	3	58.200		53.22		
1504	7.2	3.5322	+0.0230	+14.905	−0.351	27°455
72.12.11	3	2 47 58.766		27 12 46.30		
76. 1.22	3	58.733		47.03		
80. 1.26	3	58.834		47.67		
1505	8.9	3.5096	+0.0221	+14.904	−0.349	25°459
72.12. 4	3	2 47 59.015		26 2 59.46		
73.12.22	3	58.874		60.03		
74.12.29	3	59.220		59.62		
77.12.18	3	59.138		61.05		
80. 1.31	3	58.809		59.44		
						Z.C. δ 26° 2′ 59$''$9
1506	9.0	3.5034	+0.0219	+14.903	−0.348	— —
84. 1.21	3	2 48 0.577		25 44 10.70		†
1507	8.2	3.5406	+0.0233	+14.902	−0.352	27°456
73.12.16	3	2 48 1.128		27 38 10.35		Z.C. α 1$^{\mathrm{s}}$17
82. 1.23	3	1.199		8.65		
83. 2. 3	3	1.175		11.37		
1508	9$^{\mathrm{m}}$3	3$^{\mathrm{s}}$5677	+0$^{\mathrm{s}}$0244	+14$''$896	−0$''$355	28°476
74.12.19	3	2$^{\mathrm{h}}$48$^{\mathrm{m}}$ 7$^{\mathrm{s}}$590		28° 57′ 56$''$00		
77.11.19	3	7.615		55.21		
86. 1.28	5	7.527		54.41		
1509	8.6	3.5882	+0.0253	+14.896	−0.357	29°500
79. 1.22	2	2 48 7.848		29 57 29.72		
92.12.13	7	8.103		28.82		
1510	9.0	3.5024	+0.0218	+14.891	−0.348	25°460
73.12.22	2	2 48 12.565		25 39 37.71		Z.C. δ 38$''$9
74.12.29	2	12.566		39.90		
83. 1.20	3	12.591		39.32		
83. 1.26	3	12.454		39.05		
83. 2. 5	3	12.540		38.71		
1511	9.1	3.5883	+0.0253	+14.888	−0.357	— —
79. 1.22	2	2 48 15.232		29 56 57.49		†
1512	7.6	3.5163	+0.0224	+14.888	−0.350	26°484
74. 1.21	3	2 48 15.393		26 22 13.40		d.l.
78.12.14	3	15.526		12.61		c.d.n.f.
80. 1.12	3	15.521		11.78		
1513	9.5	3.5081	+0.0221	+14.887	−0.350	25°462
83.12.14	7	2 48 16.004		25 56 34.76		
86. 1.30	5	16.221		34.99		
		Z.C. identification (25° 463) wrong				
1514	9.0	3.5182	+0.0223	+14.876	−0.351	26°485
73.12. 9	2	2 48 27.413		26 26 40.26		Z.C. δ 41$''$2
74.12.30	1	27.277		40.54		*
83. 2. 3	3	27.536		42.74		Z.C. Ep. 77.3
1515	8.0	3.5439	+0.0234	+14.875	−0.353	27°457
72.12. 9	3	2 48 28.415		27 44 56.06		
73. 1. 2	2	28.618		56.36		
73.12.16	3	28.322		56.36		
84. 1.18	7	28.650		55.78		
1516	8.1	3.5021	+0.0217	+14.859	−0.349	25°465
72.12. 4	3	2 48 45.477		25 35 1.07		Z.C. δ 0$''$9
83. 2. 5	3	45.411		0.80		
1517	7.0	3.5630	+0.0241	+14.856	−0.355	28°477
72.12.28	3	2 48 48.489		28 39 23.66		
73. 1.27	3	48.414		25.20		
74. 1.24	3	48.437		23.52		
1518	9.1	3.5916	+0.0252	+14.815	−0.359	29°501
77. 1.26	3	2 49 29.728		29 57 48.29		Z.C. δ 48$''$1
80. 1.26	3	29.654		48.16		
83. 1.20	3	29.562		48.39		
87. 1.20	7	29.767		47.60		
1519	9.1	3.5252	+0.0225	+14.794	−0.354	26°487
85.12.15	5	2 49 51.136		26 38 51.56		
86. 1.27	5	51.423		53.35		
1520	8.8	3.5137	+0.0220	+14.789	−0.353	25°467
72.12. 4	3	2 49 56.295		26 3 2.44		−5′
73.12.22	3	56.248		2.58		
74.12.29	2	56.545		1.70		
77.12.18	3	56.314		2.82		
80. 1.12	3	56.192		2.17		
80. 1.31	3	56.222		3.42		
87. 1.12	5	56.094		4.31		

1521	$8^{m}9$	$3^{s}5774$	$+0^{s}0245$	$+14''780$	$-0''358$	29°502
77. 1.24	3	$2^{h}50^{m}$ $5^{s}517$	29° 12′ $19''17$			-10^{s}
79. 1.22	3	5.610	18.30			Z.C. δ $19''4$
80. 1.26	3	5.536	20.08			
83. 1.18	3	5.371	20.12			
1522	9.1	3.5138	+0.0220	+14.773	−0.353	25°469
86. 1.28	5	2 50 13.045	26 1 31.65			
86. 2. 1	5	12.913	31.45			
87. 1.10	5	12.933	30.97			
1523	9.0	3.5768	+0.0244	+14.770	−0.359	29°503
77. 1.26	3	2 50 16.255	29 9 29.32			†
82. 1.23	3	16.033	28.64			
83. 1.18	3	16.046	28.99			
83. 1.20	3	16.095	29.51			
1524	9.1	3.5795	+0.0246	+14.765	−0.359	29°504
83. 1.26	3	2 50 20.567	29 16 36.47			-5^{s}
83. 2. 3	3	20.460	37.47			Z.C. δ $37''0$
1525	9.2	3.5016	+0.0216	+14.754	−0.352	25°470
73.12.22	3	2 50 31.931	25 22 10.47			Z.C. δ $9''6$
77.12.18	3	32.138	9.26			
89.12.17	5	32.002	8.87			
90. 1.27	7	32.162	9.70			
1526	9.1	3.5041	+0.0216	+14.747	−0.353	25°471
86. 1.30	5	2 50 39.136	25 29 6.74			Z.C. α $39^{s}17$
89. 1.23	7	39.205	7.02			$+1^{m}$ Z.C. δ $6''9$
1527	9.0	3.5308	+0.0226	+14.738	−0.355	26°489
73.12. 9	3	2 50 47.927	26 49 35.69			
74. 1.21	3	47.995	33.87			
1528	8.5	3.5310	+0.0226	+14.734	−0.355	26°491
73.12. 9	3	2 50 52.567	26 50 3.87			
74. 1.21	3	52.645	5.13			
1529	9.5	3.5355	+0.0227	+14.733	−0.356	26°490
73. 1. 2	3	2 50 53.466	27 2 57.43			
73.12.16	3	53.378	56.19			
1530	8.3	3.5212	+0.0222	+14.696	−0.356	26°493
74.12.30	3	2 51 30.848	26 16 3.90			
80. 1.12	3	30.887	1.16			
80. 1.29	3	30.789	3.39			
83. 1.26	3	30.773	3.37			
1531	9.5	3.5990	+0.0251	+14.680	−0.364	29°505
79. 1.22	3	2 51 46.992	30 2 19.27			
93. 1.20	6	46.814	20.72			
1532	9.4	3.5660	+0.0238	+14.673	−0.361	28°479
73. 1.27	3	2 51 53.599	28 26 51.16			Z.C. δ $48''6$
74. 1.24	3	53.526	46.88			
77.11.19	3	53.491	47.81			
1533	9.0	3.4966	+0.0212	+14.670	−0.354	24°418
72.12. 4	3	2 51 56.886	24 57 53.54			
73.12.12	3	56.850	52.24			
74.12.29	3	57.143	49.51			
77.12.18	3	57.089	52.47			
1534	$8^{m}6$	$3^{s}5332$	$+0^{s}0225$	$+14''667$	$-0''358$	26°494
73.12. 9	2	$2^{h}52^{m}$ $0^{s}205$	26° 48′ $57''12$			
74. 1.21	3	0.149	59.05			
85.12.15	5	0.133	58.78			
86. 1.27	5	0.200	59.07			
1535	9.2	3.5995	+0.0251	+14.663	−0.364	29°507
77. 1.24	3	2 52 3.290	30 1 52.59			
77. 1.26	3	3.407	54.18			
79. 1.22	3	3.360	53.82			
86. 2. 1	7	3.174	54.05			
1536	9.5	3.5589	+0.0235	+14.646	−0.361	27°462
72.12. 9	3	2 52 20.551	28 3 7.14			
93. 1.14	4	20.654	10.04			
1537	8.3	3.6018	+0.0252	+14.644	−0.365	30°474
86. 1.28	5	2 52 22.556	30 6 22.33			
87. 1.20	5	22.557	22.85			
87. 1.28	7	22.480	22.62			
1538	8.6	3.5338	+0.0225	+14.639	−0.359	26°495
86. 1.30	7	2 52 27.569	26 48 6.07			Z.C. δ $5''1$
89.12.17	4	27.404	4.56			
92.12.13	7	27.669	4.71			
1539	8.4	3.5259	+0.0222	+14.632	−0.358	26°496
74.12.30	3	2 52 35.332	26 23 18.26			
80. 1.26	3	35.359	20.78			
80. 1.12	3	35.576	19.87			
82. 1.23	3	35.257	20.08			
1540	9.4	3.5485	+0.0231	+14.631	−0.360	27°463
72.12.11	3	2 52 36.211	27 30 58.46			
73. 1. 2	3	36.054	59.10			
73.12.16	3	36.014	58.69			
76. 1.22	2	36.089	57.51			
1541	8.3	3.6024	+0.0251	+14.612	−0.366	29°508
77. 1.24	3	2 52 54.867	30 4 14.26			
77. 1.26	3	54.993	14.58			$+1^{m}$
79. 1.22	3	55.050	13.40			
1542	9.2	3.5563	+0.0232	+14.596	−0.362	27°464
72.12.11	3	2 53 11.395	27 50 8.20			
73.12.16	2	11.449	7.48			
76. 1.22	3	11.444	7.69			
1543	9.5	3.5758	+0.0239	+14.564	−0.365	28°480
74. 1.24	3	2 53 43.056	28 42 55.91			Z.C. δ $56''1$
77.11.19	3	43.105	56.32			
1544	9.5	3.5307	+0.0222	+14.559	−0.361	26°498
73.12. 9	3	2 53 47.985	26 29 54.89			Z.C. δ $56''4$
74. 1.21	3	47.942	56.20			
82. 1.23	3	48.539	56.25			v. ft. *
83. 1.26	2	48.363	57.52			
83.12.12	4	48.328	57.10			
1545	9.2	3.5231	+0.0219	+14.551	−0.360	26°499
80. 1.29	3	2 53 55.674	26 6 37.05			†

1546	9^{m}4	3^{s}5314	+0^{s}0222	+14″535	−0″361	26°501
74. 1.21	2	2^{h}54^{m}11^{s}391	26° 29′ 40″93			
83. 1.26	3	11.554	41.86			
83. 2. 3	3	11.712	43.68			
83.12.14	6	11.400	41.55			
1547	9.1	3.5769	+0.0239	+14.533	−0.366	28°482
72.12.28	3	2 54 13.608	28 42 48.33			
74. 1.24	3	13.743	48.31			
77.11.19	3	13.673	49.58			
80. 1.12	3	13.795	47.71			
1548	9.4	3.5625	+0.0234	+14.533	−0.364	27°466
72.12. 9	3	2 54 14.222	28 1 20.69			
73. 1. 2	3	14.153	21.40			
73.12.16	2	14.080	20.29			
76. 1.22	1	14.312	20.22			
1549	9.3	3.5682	+0.0236	+14.527	−0.365	28°483
83. 1.18	3	2 54 19.357	28 17 2.13	Z.C. α 19^{s}34		
83. 2. 3	2	19.278	1.50	Z.C. δ 1″7		
83. 2. 5	3	19.386	1.34	Z.C.Ep. 83.1		
1550	6.2	3.5215	+0.0218	+14.514	−0.361	25°477
72.12. 4	3	2 54 32.389	25 57 57.95	Z.C. δ 58″4		
73.12.22	3	32.276	59.10			
74.12.29	3	32.429	58.75			
77.12.18	3	32.343	57.84			
1551	9.1	3.6049	+0.0250	+14.506	−0.369	29°512
77. 1.26	3	2 54 40.592	29 59 14.72			
78. 1.25	3	40.384	15.74			
79. 1.22	3	40.453	13.75	−10^{s}		
86. 1.28	4	40.378	14.11			
1552	9.3	3.5795	+0.0239	+14.486	−0.367	28°485
72.12.28	3	2 55 0.719	28 45 15.21	+5′		
74. 1.24	2	0.740	14.63	Z.C. δ 14″8		
76. 2. 2	3	0.819	16.04			
80. 1.12	2	1.123	12.85			
82. 1.23	3	0.740	15.33			
1553	7.1	3.5256	+0.0219	+14.485	−0.362	26°503
74.12.30	3	2 55 1.436	26 7 12.65			
80. 1.26	3	1.663	11.61			
80. 1.29	3	1.630	11.39			
1554	9.4	3.5159	+0.0215	+14.476	−0.361	25°478
72.12. 4	3	2 55 9.826	25 36 56.33			
80. 1.30	3	10.168	56.95			
1555	9.2	3.5303	+0.0221	+14.473	−0.363	26°505
73.12. 9	3	2 55 13.569	26 20 9.10			
74. 1.21	1	13.592	9.23			
76. 1.29	2	13.759	8.57			
1556	9.2	3.5929	+0.0244	+14.468	−0.369	29°514
86. 1.30	5	2 55 18.048	29 21 6.88			
87. 1.20	5	18.150	6.53			

1557	9^{m}1	3^{s}5162	+0^{s}0215	+14″435	−0″362	25°479
73.12.22	3	2^{h}55^{m}50^{s}470	25° 34′ 9″83			
73.12.22	2	50.650	9.80			
85.12.15	7	50.565	8.73			
86. 1.27	7	50.559	9.20			
86. 1.28	5	50.608	8.84			
87. 1.10	3	50.772	8.49			
87. 1.12	7	50.639	9.65			
87. 1.28	7	50.578	9.13			
1558	6.6	3.5616	+0.0231	+14.423	−0.367	27°468
72.12. 9	3	2 56 2.594	27 46 39.29			
72.12.11	3	2.515	39.55			
73. 1. 2	3	2.602	40.30			
73.12.16	3	2.552	38.75			
78. 1.31	3	2.546	38.58			
1559	8.1	3.5473	+0.0226	+14.420	−0.365	27°469
72.12.11	2	2 56 5.397	27 4 41.08	Z.C. δ 40″1		
76. 1.22	3	5.517	39.46			
78. 1.31	2	5.278	40.07			
82. 1.23	1	5.485	39.75			
1560	8.5	3.6092	+0.0249	+14.417	−0.372	29°517
77. 1.24	3	2 56 8.839	30 1 8.64			
77. 1.26	3	8.955	9.01			
79. 1.22	3	8.820	7.73			
1561	9.1	3.5462	+0.0225	+14.404	−0.366	26°506
72.12. 9	2	2 56 21.842	26 59 48.49			
73. 1. 2	2	21.679	48.83			
73.12.16	1	21.853	48.97			
80. 1.26	3	21.873	47.84			
1562	8.5	3.5676	+0.0233	+14.393	−0.368	27°471
86. 2. 1	5	2 56 31.937	28 1 2.60			
89. 1.19	7	32.008	3.24			
89. 1.23	6	32.102	4.67			
1563	9.0	3.5893	+0.0240	+14.339	−0.372	28°487
72.12.28	3	2 57 25.047	28 56 52.22			
74. 1.24	3	25.115	51.00			
76. 2. 2	3	25.155	50.60			
80. 1.31	3	25.029	50.98			
82. 1.23	1	25.209	51.94			
83. 1.18	3	25.170	52.69			
86. 1.30	7	25.082	51.74			
1564	9.0	3.6059	+0.0246	+14.329	−0.374	29°518
80. 1.12	3	2 57 35.348	29 42 21.79			
80. 1.26	3	35.318	23.24			
80. 1.29	3	35.255	23.18			
80. 1.30	3	35.310	24.17			
1565	8.7	3.5577	+0.0227	+14.325	−0.369	27°474
76. 1.22	3	2 57 38.954	27 25 26.42	Z.C. δ 26″2		
78. 1.31	2	39.270	25.67	c.d.s.f.		
87. 1.20	7	39.248	26.42			
1566	9.4	3.5586	+0.0227	+14.320	−0.369	27°475
72.12.11	3	2 57 43.752	27 27 22.02	Z.C. δ 23″3		
83. 1.26	3	43.968	23.06			
83. 2. 3	3	43.887	24.85			

1567	7^m9	3^s5924	$+0^s0240$	$+14''316$	$-0''373$	28°488
92.12.13	7	$2^h57^m48^s442$	29° 3′ 13″04			
93. 1.14	7	48.149	15.38			
93.12. 1	7	48.494	15.10			
93.12. 4	7	48.326	13.43			
1568	8.5	3.5579	+0.0227	+14.295	−0.370	27°477
72.12. 9	3	2 58 8.959	27 22 53.01			
76. 1.22	1	8.933	53.40			–
86. 1.28	7	8.791	53.89			
1569	8.6	3.5172	+0.0213	+14.294	−0.366	25°484
72.12. 4	3	2 58 9.439	25 22 51.07			Z.C. δ 51″3
73.12.22	3	9.619	51.62			
77. 1.22	3	9.613	51.33			
1570	8.6	3.6145	+0.0248	+14.293	−0.376	29°519
77. 1.24	3	2 58 10.823	30 2 20.38			Z.C. δ 20″3
77. 1.26	3	10.699	21.07			
79. 1.22	3	10.582	19.59			
1571	9.0	3.5243	+0.0215	+14.292	−0.366	25°485
74.12.29	3	2 58 11.227	25 43 56.41			Z.C. δ 57″1
77.12.18	3	11.140	57.09			
80. 1.26	3	11.185	57.17			
83. 1.26	2	11.046	57.78			
83.12.12	7	11.114	57.27			
1572	8.4	3.5546	+0.0226	+14.282	−0.370	27°478
73. 1. 2	3	2 58 21.495	27 12 2.04			Z.C. δ 2″2
73.12.16	3	21.463	2.52			
78. 1.31	3	21.462	3.57			
86. 2. 1	7	21.409	0.63			$+1^s$
1573	9.1	3.5096	+0.0209	+14.257	−0.366	24°433
73.12.22	3	2 58 45.537	24 56 40.85			
80. 1.12	2	45.619	39.64			
80. 1.30	3	45.536	40.35			
1574	8.9	3.5219	+0.0213	+14.251	−0.367	25°487
77. 1.22	2	2 58 50.926	25 33 10.74			Z.C. δ 12″0
80. 1.26	2	51.000	12.66			
80. 1.29	3	50.935	12.65			
80. 1.31	3	50.873	12.09			
1575	7.5	3.6173	+0.0247	+14.224	−0.378	29°522
77. 1.24	3	2 59 17.609	30 2 35.82			Z.C. Ep. 77.7
77. 1.26	3	17.485	35.02			
77. 1.26	3	17.595	35.34			
78. 1.25	3	17.709	34.95			
79. 1.22	3	17.614	33.85			
1576	7.7	3.5880	+0.0236	+14.194	−0.375	28°493
72.12.28	3	2 59 46.722	28 38 20.49			
74. 1.24	3	46.835	19.11			
76. 2. 2	3	46.761	20.32			
1577	9.3	3.5900	+0.0236	+14.162	−0.377	28°494
72.12.28	3	3 0 17.655	28 40 35.31			
74. 1.24	3	17.624	33.84			
76. 2. 2	3	17.629	35.27			
1578	8.1	3.5155	+0.0209	+14.150	−0.369	24°437
86. 1.30	5	3 0 29.569	25 4 19.47			
87. 1.20	5	29.654	18.54			
87. 1.28	5	29.650	18.90			

1579	9^m5	3^s6198	$+0^s0246$	$+14''137$	$-0''380$	29°527
80. 1.31	3	$3^h 0^m42^s340$	30° 0′ 18″69			Z.C. δ 19″5
82. 1.23	3	42.475	18.87			
83. 1.26	3	42.456	19.41			
83. 2. 3	3	42.465	20.90			
1580	9.2	3.5983	+0.0238	+14.120	−0.379	28°495
74. 1.24	2	3 0 58.230	28 59 30.86			
76. 2. 2	1	58.274	31.48			
1581	8.1	3.5329	+0.0214	+14.114	−0.372	25°495
72.12. 4	3	3 1 4.343	25 52 43.10			δ not used
73.12.22	3	4.432	40.34			for Z.C.
74.12.29	3	4.302	37.29			Z.C. δ 36″9
77. 1.22	3	4.249	37.60			
77.12.18	3	4.307	36.21			
78. 1.23	3	4.319	36.68			
1582	8.6	3.5251	+0.0211	+14.113	−0.371	25°496
85.12.15	7	3 1 5.072	25 29 16.41			
86. 1.27	5	5.071	16.35			
86. 1.28	7	5.030	16.45			
86. 2. 1	5	5.042	16.75			
87. 1.12	7	5.059	16.47			
90. 1.27	7	5.075	17.42			§
1583	9.0	3.6152	+0.0244	+14.099	−0.381	29°528
77. 1.26	2	3 1 18.893	29 43 44.04			†
1584	8.0	3.5179	+0.0209	+14.098	−0.371	25°497
87. 1.28	1	3 1 19.275	25 6 41.60			
93. 1.18	7	19.491	41.37			
1585	9.5	3.5548	+0.0222	+14.090	−0.375	26°511
74. 1.21	3	3 1 26.938	26 53 54.21			
76. 1.29	3	26.984	53.28			
1586	8.5	3.5137	+0.0207	+14.087	−0.371	24°441
89. 1.19	7	3 1 30.453	24 53 23.95			
89. 1.23	7	30.383	24.47			
1587	6.0	3.5923	+0.0235	+14.050	−0.380	28°499
72.12.28	3	3 2 5.729	28 35 52.02			
74. 1.24	2	5.602	50.94			
76. 2. 2	1	5.829	52.67			
1588	9.0	3.6181	+0.0244	+14.046	−0.383	29°529
77. 1.24	3	3 2 9.704	29 46 16.57			Z.C. δ 16″0
78. 1.25	3	9.859	15.48			
1589	8.7	3.5343	+0.0213	+14.034	−0.374	25°500
72.12. 4	3	3 2 21.511	25 48 57.99			Z.C. δ 57″3
73.12.22	3	21.317	56.97			clds.
77. 1.22	3	21.560	57.33			
77.12.18	3	21.511	56.83			
1590	9.2	3.6054	+0.0239	+14.025	−0.382	29°530
79. 1.22	3	3 2 30.106	29 9 23.78			
83. 1.18	3	29.946	24.60			−1′
87. 1.20	5	30.137	24.69			
1591	9.4	3.5169	+0.0207	+14.018	−0.373	24°446
73.12.22	3	3 2 36.186	24 56 40.77			Z.C. δ 40″4
77. 1.22	2	36.215	38.58			
77.12.18	2	36.207	41.95			

1592 $6^{m}.9$ $3^{s}.5667$ $+0^{s}.0224$ $+14''.013$ $-0''.378$ 27°480

72.12. 9	3	3^{h}	2^{m}	$41^{s}.132$	27°	20′	$34''.77$	Z.C. α $41^{s}.14$
72.12.11	3			41.103			35.51	Z.C. δ $35''.5$
73. 1. 2	3			41.206			35.85	Z.C.Ep.74.5
73.12.16	3			41.026			36.12	
76. 1.22	2			41.181			35.27	
78. 1.31	3			41.193			35.49	

1593 8.8 3.6066 +0.0239 +14.011 −0.382 29°531

77. 1.24	3	3	2	43.469	29	11	16.72	Z.C. δ $16''.8$
77. 1.26	3			43.554			17.04	
78. 1.25	2			43.466			16.63	

1593ᵃ 9.4 3.5972 +0.0236 +14.005 −0.381 28°502

95. 9.26	7	3	2	48.943	28	45	9.25	
95. 9.27	7			48.901			9.17	
95.11.14	7			48.958			9.80	

1594 8.7 3.5145 +0.0206 +14.004 −0.373 24°449

86. 1.27	7	3	2	50.490	24	48	15.15	
86. 1.30	5			50.427			15.18	
86. 2. 1	5			50.461			15.25	

1595 6.0 3.5480 +0.0217 +13.992 −0.377 26°516

74. 1.21	3	3	3	1.758	26	24	57.93	
74.12.30	3			1.981			59.32	
76. 1.29	3			2.020			57.78	

1596 9.1 3.5788 +0.0228 +13.983 −0.380 27°481

72.12. 9	1	3	3	10.285	27	51	37.42	
73. 1. 2	3			10.439			38.49	
73.12.16	3			10.058			37.27	
76. 1.22	2			10.326			37.76	

1597 8.7 3.5492 +0.0217 +13.925 −0.378 26°519

74. 1.21	3	3	4	5.241	26	22	13.65	Z.C. α $5^{s}.43$
74.12.30	3			5.584			14.78	
76. 1.29	3			5.452			14.11	

1598 8.0 3.6142 +0.0239 +13.906 −0.386 29°534

77. 1.24	3	3	4	23.858	29	21	27.47	
77. 1.26	3			23.783			27.13	
79. 1.22	3			24.054			26.39	

1599 9.0 3.6145 +0.0239 +13.887 −0.386 29°535

77. 1.24	3	3	4	41.956	29	20	52.16	Z.C. δ $52''.6$
77. 1.26	3			41.831			52.20	Z.C. Ep.77.8
78. 1.25	3			41.995			53.92	
79. 1.22	3			41.901			52.25	

1600 6.2 3.5593 +0.0219 +13.881 −0.380 26°523

74.12.30	3	3	4	47.661	26	47	2.37	
76. 1.29	3			47.596			2.19	

1601 9.3 3.5647 +0.0221 +13.868 −0.381 26°525

93. 1.27	5	3	5	1.018	27	1	13.14	
93. 2. 1	7			0.813			14.62	

1602 8.3 3.5250 +0.0206 +13.818 −0.379 24°451

77. 1.22	3	3	5	46.636	25	2	37.60	Z.C. δ $37''.5$
77.12.18	3			46.648			37.30	

1603 $8^{m}.3$ $3^{s}.5435$ $+0^{s}.0213$ $+13''.807$ $-0''.381$ 25°510

86. 1.27	5	3^{h}	5^{m}	$57^{s}.326$	25°	55′	$16''.01$	
92. 2.12	7			57.280			15.82	
93. 1.14	7			57.401			15.76	

1604 9.1 3.5959 +0.0231 +13.803 −0.386 28°506

74. 1.24	3	3	6	1.368	28	22	7.30	†
76. 2. 2	3			1.465			8.75	

1605 8.5 3.6048 +0.0233 +13.799 −0.387 28°507

74. 1.24	2	3	6	4.839	28	45	41.97	
93. 1.18	5			4.675			43.60	v. ft.

1606 9.0 3.5945 +0.0229 +13.735 −0.388 28°508

72.12.28	2	3	7	5.928	28	11	37.46	
74. 1.24	2			6.049			36.15	
78. 1.26	1			6.157			37.07	

1607 8.4 3.6042 +0.0232 +13.699 −0.389 28°509

76. 2. 2	3	3	7	39.006	28	34	56.17	
86. 2. 1	5			38.782			56.19	− 1′
88. 2. 3	5			38.895			55.98	

1608 5.6 3.6382 +0.0243 +13.694 −0.393 30°512

86. 1.27	5	3	7	43.941	30	5	23.49	
87. 1.10	7			44.035			23.34	
87. 1.12	7			43.940			22.93	

1609 8.3 3.5492 +0.0212 +13.687 −0.384 25°515

86. 1.30	7	3	7	50.835	26	1	5.08	
87. 1.28	7			50.725			4.92	
89. 1.19	7			50.949			5.06	v. ft.
89. 1.23	7			50.799			5.90	

1610 9.1 3.5300 +0.0205 +13.670 −0.383 24°456

73.12.22	3	3	8	6.644	25	4	34.33	Z.C. δ $34''.9$
74.12.29	3			6.851			36.78	
77. 1.22	3			6.922			35.04	
77.12.18	3			6.962			34.37	
78. 1.23	3			6.858			34.11	

1611 7.9 3.5587 +0.0215 +13.669 −0.385 26°530

74. 1.21	3	3	8	7.704	26	26	16.47	
76. 1.29	3			7.853			17.22	
80. 1.26	3			8.003			16.27	
80. 1.29	3			7.835			18.02	
82. 1.23	3			7.953			16.63	
82. 2. 1	3			7.906			16.02	
82. 2. 1	2			7.756			16.88	
83. 2. 3	3			7.796			18.66	

1612 9.0 3.5283 +0.0204 +13.623 −0.383 24°459

86. 1.28	5	3	8	50.777	24	55	49.81	
87. 1.20	5			50.931			50.28	
88. 1.25	7			50.864			49.48	
88. 2. 1	7			50.988			49.00	

1613 9.2 3.6125 +0.0232 +13.617 −0.393 28°510

72.12.28	3	3	8	56.146	28	49	50.55	
74. 1.24	3			56.177			48.77	
76. 2. 2	3			56.157			49.74	

1614	$8^{m}.8$	$3^{s}.5292$	$+0^{s}.0204$	$+13''.616$	$-0''.384$	$24^{\circ}460$
73.12.22	3	$3^{h}\,8^{m}57^{s}.198$	$24^{\circ}57'\,49''.25$			
78. 1.23	3	57.173	49.20			
86. 2. 1	5	57.273	48.82			
1615	9.5	3.6274	+0.0238	+13.613	−0.394	— —
74. 2. 4	3	3 8 59.890	29 29 15.92			†
1616	8.3	3.5459	+0.0209	+13.605	−0.385	$25^{\circ}517$
77. 1.22	3	3 9 7.484	25 44 42.24			
77.12.17	3	7.381	42.22			
77.12.18	3	7.465	41.76			
1617	9.5	3.5955	+0.0226	+13.602	−0.391	$27^{\circ}487$
72.12. 9	3	3 9 10.507	28 2 19.11			
73. 1. 2	3	10.628	20.97			
1618	9.0	3.5311	+0.0205	+13.599	−0.384	$24^{\circ}461$
74.12.29	3	3 9 12.884	25 2 1.96			
93.12.11	7	12.845	0.32			
93.12.22	7	12.765	2.00			
1619	9.5	3.5306	+0.0204	+13.597	−0.384	— —
78. 1.23	2	3 9 14.908	25 0 29.32			† Z.C. $\delta\ 29''.3$
1620	9.4	3.5398	+0.0207	+13.592	−0.385	$25^{\circ}518$
88. 2. 3	5	3 9 19.404	25 26 23.19			Z.C. $\delta\ 22''.6$
91. 1.22	5	19.450	22.09			Z.C.Ep. 89.6
1621	8.1	3.6019	+0.0228	+13.579	−0.392	$28^{\circ}511$
74. 1.24	3	3 9 31.840	28 17 46.14			
76. 2. 2	3	31.818	46.13			
77. 1.26	3	31.751	46.76			
1622	8.6	3.5959	+0.0225	+13.578	−0.392	$27^{\circ}488$
72.12. 9	3	3 9 32.107	28 1 21.41			
72.12.11	3	32.116	22.36			
73. 1. 2	3	32.047	21.69			
73.12.16	3	31.986	21.49			
76. 1.22	3	32.048	20.95			
76. 1.31	3	32.168	21.56			
1623	8.2	3.5338	+0.0205	+13.572	−0.385	$25^{\circ}521$
80. 1.26	3	3 9 37.968	25 7 29.57			
80. 1.29	3	37.962	30.80			
80. 1.30	3	38.053	29.95			
82. 1.23	3	38.045	29.64			
1624	8.8	3.5624	+0.0214	+13.543	−0.389	$26^{\circ}534$
74. 1.21	3	3 10 4.725	26 25 58.50			
76. 1.29	3	4.804	58.64			
1625	9.4	3.6294	+0.0237	+13.543	−0.396	$29^{\circ}540$
74. 2. 4	3	3 10 5.484	29 28 10.59			Z.C. $\delta\ 10''.8$
78. 1.25	3	5.661	12.06			
79. 1.22	3	5.512	9.74			
1626	9.5	3.6221	+0.0234	+13.541	−0.395	$29^{\circ}541$
93.12.14	5	3 10 6.926	29 8 45.89			
93.12.15	7	7.021	48.54			
1627	$9^{m}.2$	$3^{s}.5970$	$+0^{s}.0225$	$+13''.540$	$-0''.392$	$27^{\circ}489$
72.12. 9	2	$3^{h}10^{m}\,8^{s}.278$	$28^{\circ}\ 1'\ 1''.00$			
72.12.11	3	8.137	2.19			
73.12.16	3	7.986	1.02			
76. 1.22	3	8.177	2.35			
1628	9.0	3.6190	+0.0233	+13.527	−0.396	$28^{\circ}513$
72.12.28	3	3 10 19.661	28 59 17.86			
86. 1.27	7	19.626	17.00			
1629	8.9	3.5748	+0.0217	+13.509	−0.391	$26^{\circ}535$
74.12.30	2	3 10 36.977	26 57 20.64			
80. 1.26	3	37.107	20.13			
80. 1.29	3	36.973	21.21			
86. 1.30	5	36.868	20.88			
1630	9.2	3.5435	+0.0206	+13.508	−0.388	$25^{\circ}527$
93. 1.20	7	3 10 37.631	25 29 41.29			
93. 2. 6	6	37.575	42.90			v. ft.
1631	9.5	3.5652	+0.0214	+13.502	−0.390	$26^{\circ}536$
80. 1.30	2	3 10 43.086	26 30 22.04			− 1′ ex. ft.
80. 1.31	3	42.987	20.40			Z.C. $\delta\ 21''.1$
83. 2. 3	3	43.041	22.17			
83. 1.26	1	42.986	19.69			
1632	9.0	3.6401	+0.0239	+13.499	−0.398	$29^{\circ}542$
74. 2. 4	3	3 10 45.574	29 52 22.45			Z.C. $\delta\ 22''.7$
77. 1.24	3	45.577	22.66			
77. 1.26	3	45.533	22.96			
77. 1.26	3	45.753	22.73			
1633	9.2	3.5537	+0.0210	+13.492	−0.389	$25^{\circ}528$
73.12.22	3	3 10 51.927	25 57 28.53			Z.C. $\delta\ 28''.8$
77.12.17	3	52.203	29.96			
77.12.18	3	52.259	27.98			
1634	8.8	3.5643	+0.0213	+13.492	−0.390	$26^{\circ}537$
74. 1.21	2	3 10 52.312	26 27 8.70			
76. 1.29	2	52.424	8.65			− 1′
87. 1.20	7	52.520	8.83			
87. 1.31	5	52.579	7.28			
1635	8.7	3.6039	+0.0227	+13.490	−0.395	$28^{\circ}514$
72.12.28	3	3 10 54.747	28 15 13.50			+ 5′
74. 1.24	3	54.812	13.07			Z.C. $\alpha\ 54^{s}.76$
76. 2. 2	3	54.797	13.04			
87. 1.28	7	54.693	13.89			
1636	9.3	3.5431	+0.0206	+13.487	−0.388	$25^{\circ}529$
77. 1.22	3	3 10 57.275	25 26 40.25			Z.C. $\delta\ 40''.7$
78. 2. 8	2	57.150	41.18			
1637	9.3	3.5805	+0.0219	+13.477	−0.392	$27^{\circ}490$
72.12.11	2	3 11 6.472	27 10 29.40			
73. 1. 2	3	6.567	30.08			
73.12.16	3	6.442	29.45			
76. 1.31	3	6.581	30.60			
86. 1.28	5	6.519	29.45			
88. 2. 3	5	6.588	29.19			
1638	9.5	3.5809	+0.0219	+13.471	−0.393	$27^{\circ}491$
93.12.23	7	3 11 12.433	27 11 8.02			
94. 1.11	6	11.964	5.45			

1639	9^{m}2	3^{s}5533	+0^{s}0209	+13$''$468	−0$''$389	25°530
80. 1.31	3	3^{h}11^{m}14^{s}858		25° 53′ 56″13		†
1640	9.2	3.5521	+0.0209	+13.459	−0.389	25°531
78. 1.23	3	3 11 22.569		25 49 55.26		†
80. 1.26	3	22.641		53.41		
82. 1.23	3	22.756		54.56		
82. 1.25	2	22.969		55.13		
83. 1.26	3	22.680		55.04		
1641	8.5	3.5610	+0.0212	+13.448	−0.390	26°539
74. 1.21	3	3 11 33.023		26 14 10.01		
87. 1.10	7	33.132		10.25		
87. 1.12	7	33.134		9.86		
1642	9.2	3.5359	+0.0203	+13.445	−0.388	24°467
73.12.22	3	3 11 35.593		25 3 19.18		
77.12.18	3	35.603		18.03		
88. 1.25	7	35.628		19.33		
88. 2. 1	7	35.882		18.45		
1643	9.4	3.6060	+0.0226	+13.431	−0.396	28°515
74. 1.24	3	3 11 48.667		28 15 41.49		Z.C. δ 41″7
76. 2. 2	3	48.627		41.28		
78. 1.26	2	48.713		42.28		
1644	7.8	3.5806	+0.0218	+13.410	−0.394	27°492
72.12. 9	3	3 12 8.389		27 5 8.09		
73. 1. 2	3	8.532		7.46		
73.12.16	3	8.439		8.67		
76. 1.22	3	8.525		8.86		
1645	9.4	3.5501	+0.0208	+13.403	−0.390	25°533
77. 1.22	1	3 12 15.163		25 39 33.30		Z.C. δ 34″4
78. 1.23	3	15.047		33.78		
78. 2. 8	3	14.892		36.21		
1646	6.0	3.5710	+0.0214	+13.388	−0.394	26°540
74. 1.21	3	3 12 28.059		26 37 1.89		
80. 1.29	3	27.911		2.43		
80. 1.30	3	28.034		2.00		
1647	9.2	3.5399	+0.0204	+13.384	−0.390	25°534
73.12.22	3	3 12 31.374		25 9 31.69		
77.12.17	3	31.612		32.43		
85. 2. 7	7	31.548		32.68		
86. 1.30	5	31.555		31.75		
1648	9.0	3.5990	+0.0223	+13.375	−0.397	27°493
72.12.11	3	3 12 40.632		27 52 5.52		Z.C. δ 5″4
76. 1.31	3	40.791		4.67		
78. 2. 1	3	40.645		6.01		
1649	5.2	3.6155	+0.0228	+13.368	−0.399	28°516
74. 1.24	2	3 12 46.753		28 35 35.98		
78. 1.26	3	46.815		36.89		
80. 1.26	3	46.902		36.05		
80. 1.31	3	46.759		36.54		
1650	9.0	3.6410	+0.0237	+13.365	−0.402	29°545
74. 2. 4	3	3 12 49.938		29 42 31.16		Z.C. δ 31″2
77. 1.24	3	49.979		31.58		
78. 1.25	3	50.060		30.97		
1651	6^{m}5	3^{s}5419	+0^{s}0204	+13$''$352	−0$''$391	25°536
73.12.22	1	3^{h}13^m 0^{s}984		25° 12′ 38″77		Z.C. δ 38″8
74.12.29	3	1.155		40.50		
77. 1.22	1	1.303		38.77		
77.12.18	3	1.221		38.05		
87. 1.31	5	1.167		37.73		
1652	8.8	3.6112	+0.0227	+13.346	−0.399	28°517
72.12.28	3	3 13 6.830		28 22 26.89		
76. 2. 2	3	6.906		25.90		
86. 1.28	7	6.714		25.97		
1653	7.9	3.5693	+0.0212	+13.342	−0.394	26°542
76. 1.29	1	3 13 10.505		26 28 20.57		*
80. 1.30	3	10.847		21.74		
82. 1.23	3	10.749		20.93		
1654	9.0	3.6027	+0.0224	+13.339	−0.398	27°494
72.12. 9	3	3 13 14.009		27 58 49.79		
76. 1.22	3	13.682		49.69		
76. 1.31	3	13.988		49.46		
1655	9.4	3.6463	+0.0237	+13.315	−0.404	29°548
74. 2. 4	3	3 13 35.119		29 51 58.87		
93. 1.20	6	35.128		59.28		
1656	8.5	3.6457	+0.0237	+13.308	−0.404	29°549
74. 2. 4	1	3 13 42.248		29 49 29.41		
77. 1.24	3	42.182		27.66		
77. 1.26	3	42.308		29.30		
77. 1.26	3	42.278		29.71		
78. 1.25	3	42.539		28.52		
79. 1.22	3	42.313		28.74		
93. 1.18	7	42.251		30.13		
1657	9.5	3.6032	+0.0223	+13.296	−0.399	27°496
72.12.11	2	3 13 53.407		27 56 42.10		Z.C. δ 41″1
73. 1. 2	3	53.070		40.68		
80. 1.30	2	53.265		40.24		
80. 1.31	3	53.143		40.90		
83. 1.26	3	53.373		41.65		
1658	9.0	3.5788	+0.0215	+13.292	−0.397	26°543
74. 1.21	3	3 13 57.088		26 50 20.94		
80. 1.26	3	57.247		20.47		§
80. 1.29	3	57.084		21.59		
82. 1.23	3	57.177		21.37		
82. 2. 1	3	57.098		20.15		
1659	9.1	3.5540	+0.0206	+13.255	−0.395	25°537
73.12.22	3	3 14 30.211		25 38 52.11		
74.12.29	3	30.277		49.57		
77.12.17	3	30.246		52.94		
78. 1.23	3	30.103		53.11		
78. 2. 8	3	30.166		53.55		
1660	9.5	3.6043	+0.0222	+13.255	−0.400	27°499
73. 1. 2	3	3 14 30.778		27 56 17.87		
73.12.16	3	30.914		18.69		
1661	9.1	3.6109	+0.0224	+13.249	−0.400	28°520
72.12.28	3	3 14 35.714		28 13 16.31		Z.C. δ 17″0
74. 1.24	3	35.754		17.16		− 1 int.
76. 2. 2	3	35.819		16.77		
78. 1.26	3	35.906		17.89		

1662	5^{m}8	3^{s}5873	+0^{s}0216	+13″243	−0″398	27°500
72.12. 9	3	3^{h}14^{m}41^{s}744		27° 9′ 24″15		
76. 1.22	3	41.687		25.03		
76. 1.31	3	41.905		23.86		
1663	9.1	3.5417	+0.0201	+13.234	−0.394	24°473
74.12.29	3	3 14 49.614		25 2 52.16		Z.C. δ 51″6
77. 1.22	3	49.687		50.48		
78. 1.23	3	49.592		51.63		
85. 2. 7	3	49.656		51.63		
86. 1.27	7	49.756		51.94		
86. 1.30	7	49.653		51.50		
1664	9.3	3.6043	+0.0222	+13.231	−0.401	— —
73.12.16	3	3 14 52.312		27 54 17.28		Z.C. δ 17″4
78. 2. 1	3	52.493		17.42		
1665	9.1	3.5425	+0.0202	+13.231	−0.394	24°474
78. 2. 8	3	3 14 52.951		25 4 57.26		−1 int. † Z.C. δ 57″3
1666	8.0	3.6384	+0.0233	+13.206	−0.405	29°552 A
77. 1.24	3	3 15 15.039		29 22 8.63		Z.C. δ 9″0
77. 1.26	3	15.065		8.83		d.n.p.
78. 1.25	3	15.196		11.10		c.d.p.
92. 2.11	6	14.992		7.10		d.n.p.
92. 2.12	7	15.072		9.55		d.n.p.
1667	8.8	3.6384	+0.0233	+13.205	−0 405	29°552 B
77. 1.24	3	3 15 15.929		29 22 6.28		Z.C. δ 6″7
93.12.11	7	15.515		7.11		c.d.f.
1668	8.7	3.5906	+0.0216	+13.192	−0.399	27°501
72.12.11	3	3 15 28.166		27 14 16.37		Z.C. δ 15″9
73. 1. 2	2	28.285		16.04		
73.12.16	1	28.235		15.27		
76. 1.22	3	28.048		14.99		
78. 2. 1	3	28.250		16.60		
1669	8.5	3.5675	+0.0209	+13.189	−0.397	26°547
74. 1.21	3	3 15 30.373		26 11 24.71		Z.C. δ 24″8
86. 2. 1	7	30.421		25.04		
87. 1.31	7	30.418		24.82		
91. 1.22	6	30.299		24.46		
1670	7.1	3.5735	+0.0210	+13.182	−0.398	26°548
76. 1.29	3	3 15 36.678		26 27 7.89		
80. 1.26	3	36.717		9.11		
80. 1.30	3	36.735		9.76		
83. 1.26	3	36.815		9.26		
1671	9.1	3.6293	+0.0229	+13.180	−0.405	28°522
72.12.28	3	3 15 38.825		28 56 3.78		
74. 1.24	3	38.858		3.27		
76. 2. 2	3	38.827		4.08		
78. 1.26	3	38.900		3.27		
1672	8.3	3.6543	+0.0237	+13.166	−0.408	29°555
74. 2. 4	3	3 15 51.412		29 59 28.60		
79. 1.22	3	51.471		27.91		
80. 1.29	3	51.310		28.01		
82. 1.23	3	51.619		27.01		
82. 2. 1	1	51.286		27.10		+3^{s}
83. 1.18	3	51.308		27.62		+1′

1673	8^{m}4	3^{s}5855	+0^{s}0214	+13″154	−0″400	26°550
74. 1.21	3	3^{h}16^{m} 2^{s}882		26° 57′ 16″14		Z.C. δ 15″5
76. 1.29	3	2.919		14.11		
80. 1.29	3	2.634		15.70		−5^{s}
81. 1.31	2	2.944		15.94		
82. 2. 3	3	2.757		15.41		
83. 1.18	2	2.654		15.86		
1674	9.0	3.6424	+0.0232	+13.139	−0.407	29°556
74. 2. 4	1	3 16 16.183		29 26 40.60		Z.C. α 16^{s}29
77. 1.24	1	16.403		39.85		Z.C. δ 40″0
77. 1.26	3	16.078		39.85		v. ft.
78. 1.25	3	16.304		39.76		
79. 1.22	3	16.475		39.78		
1675	9.2	3.5430	+0.0201	+13.134	−0.396	24°478
73.12.22	3	3 16 20.139		24 58 55.40		−1 int.
77. 1.22	3	20.289		53.83		
77.12.17	3	20.364		55.16		+5′
78. 1.23	3	20.313		55.48		
78. 2. 8	3	20.245		55.73		Z.C. α 20^{s}27
1676	9.1	3.6098	+0.0221	+13.109	−0.404	27°503
72.12. 9	3	3 16 43.273		27 59 0.98		
73.12.16	2	42.960		1.17		
76. 1.31	3	43.290		0.54		
78. 1.31	3	43.195		1.58		
78. 2. 1	3	43.322		1.86		
1677	9.0	3.5995	+0.0217	+13.085	−0.403	27°505
72.12. 9	3	3 17 4.732		27 29 44.61		Z.C. δ 45″5
72.12.11	3	4.709		45.60		
73. 1. 2	3	4.685		45.57		
76. 1.22	3	4.861		46.24		
78. 2. 1	2	4.804		45.51		
1678	9.4	3.6241	+0.0225	+13.079	−0.406	28°524
82. 2. 3	3	3 17 10.480		28 34 6.99		†
1679	7.3	3.6160	+0.0222	+13.074	−0.405	28°526
74. 1.24	3	3 17 15.130		28 12 33.42		
76. 2. 2	3	14.959		33.18		
78. 1.26	3	15.213		34.06		
1680	9.0	3.6179	+0.0223	+13.060	−0.405	28°529
74. 1.24	3	3 17 27.771		28 16 19.59		
76. 2. 2	3	27.820		18.86		
89. 1.23	7	27.892		19.62		
1681	9.4	3.6252	+0.0225	+13.060	−0.407	28°528
72.12.28	3	3 17 27.988		28 35 23.08		Z.C. δ 23″3
80. 1.26	3	27.809		22.92		
80. 1.30	3	27.967		22.66		
80. 1.31	3	27.945		23.39		
82. 1.23	3	28.016		22.76		
83. 1.18	2	27.861		25.07		
1682	9.1	3.5455	+0.0200	+13.050	−0.398	24°484
73.12.22	3	3 17 36.865		24 59 41.45		
77. 1.22	3	37.270		40.91		+1^{m}
77.12.17	3	37.110		41.18		
78. 1.23	3	37.198		40.57		
78. 2. 8	3	37.049		42.31		

1683	$9^{m}.0$	$3^{s}.5574$	$+0^{s}.0203$	$+13''.025$	$-0''.400$	25°543
85. 2. 7	7	$3^{h}\,17^{m}\,59^{s}.087$		25° 30′ $32''.44$		
86. 1.28	5	59.162		31.86		
86. 1.30	7	59.082		31.64		
1684	8.6	3.5562	+0.0202	+13.001	−0.400	25°545
77.12.17	3	3 18 21.302		25 25 46.07		$+1^{m}$
78. 1.23	3	21.527		45.96		Z.C. δ $46''.3$
78. 2. 8	3	21.348		46.87		
1685	9.4	3.5824	+0.0209	+12.970	−0.404	26°553
80. 1.31	3	3 18 48.961		26 34 47.33		†
1686	9.4	3.5985	+0.0214	+12.960	−0.406	27°507
72.12.11	3	3 18 57.370		27 17 0.53		
73.12.16	3	57.259		0.58		
1687	7.1	3.6211	+0.0222	+12.957	−0.409	28°532
72.12.28	3	3 19 0.784		28 16 39.96		Z.C. α $0^{s}.70$
74. 1.24	3	0.715		39.21		Z.C. δ $39''.4$
76. 2. 2	3	0.609		40.06		
78. 1.26	3	0.692		38.56		
1688	9.0	3.6493	+0.0231	+12.954	−0.411	29°560
74. 2. 4	3	3 19 3.440		29 29 1.41		Z.C. δ $1''.4$
77. 1.24	3	3.556		0.84		
77. 1.26	3	3.671		1.68		
78. 1.25	3	3.800		1.67		
79. 1.22	3	3.643		1.32		
1689	9.5	3.5891	+0.0211	+12.951	−0.405	— —
74. 1.21	3	3 19 5.675		26 51 26.03		†
1690	8.7	3.5467	+0.0198	+12.923	−0.401	24°488
86. 1.27	5	3 19 30.636		24 53 46.11		
86. 2. 1	5	30.469		45.86		w. 3 to 6 − 1^{s}
87. 1.10	7	30.599		46.25		
87. 1.12	7	30.567		46.34		
87. 1.31	7	30.547		46.10		
1691	9.0	3.5601	+0.0201	+12.884	−0.403	25°547
85. 2. 7	5	3 20 5.847		25 27 45.60		
86. 1.28	5	5.917		44.00		
86. 2. 6	7	6.067		43.94		
1692	9.0	3.6013	+0.0214	+12.883	−0.408	27°509
72.12. 9	3	3 20 6.536		27 18 48.25		Z.C. δ $48''.9$
72.12.11	3	6.482		49.33		
73. 1. 2	3	6.562		48.42		
73.12.16	3	6.556		48.75		
76. 1.22	3	6.687		49.49		
76. 1.31	3	6.543		48.46		
78. 1.31	3	6.428		48.17		
78. 2. 1	3	6.545		50.33		
1693	9.4	3.6469	+0.0228	+12.868	−0.413	29°563
74. 2. 4	2	3 20 20.116		29 15 51.85		*
78. 1.25	3	20.357		52.08		Z.C. δ $52''.0$
79. 1.22	3	20.381		52.04		
1694	9.1	3.6411	+0.0226	+12.859	−0.413	28°534
72.12.28	3	3 20 28.617		29 0 33.48		
74. 1.24	3	28.747		33.78		
76. 2. 2	3	28.530		34.84		
86. 1.30	5	28.690		34.61		
1695	$9^{m}.3$	$3^{s}.5495$	$+0^{s}.0198$	$+12''.848$	$-0''.403$	24°494
78. 1.23	3	$3^{h}\,20^{m}\,37^{s}.855$		24° 55′ $57''.65$		Z.C. δ $57''.8$
78. 2. 8	3	37.844		58.46		
89. 1.23	7	37.942		57.14		v. ft. + 1^{m}
1696	9.5	3.5925	+0.0210	+12.845	−0.408	— —
74. 1.21	3	3 20 40.267		26 52 18.05		†
1697	9.1	3.6500	+0.0229	+12.842	−0.414	29°565
74. 2. 4	3	3 20 43.016		29 21 45.86		
77. 1.26	3	43.113		45.41		
78. 1.25	3	43.061		46.14		+ 1^{m}
79. 1.22	3	42.935		44.60		
1698	9.0	3.5733	+0.0204	+12.835	−0.406	25°550
77. 1.22	3	3 20 49.851		26 0 13.24		− 1′
77.12.17	3	49.585		14.29		ft.
90. 1.27	7	49.708		14.56		
						Z.C. δ 26° 0′ $14''.0$
1699	8.1	3.5697	+0.0203	+12.831	−0.406	25°551
74.12.29	3	3 20 53.642		25 50 8.93		
77.12.18	3	53.551		9.31		
78. 2. 8	3	53.681		8.41		
1700	8.5	3.6334	+0.0223	+12.820	−0.413	28°535
74. 1.24	3	3 21 2.893		28 37 37.87		Z.C. δ $37''.1$
76. 2. 2	3	2.881		37.50		
80. 1.26	3	2.755		36.65		
81. 1.31	3	2.850		37.19		v. c. d. p.
82. 1.23	3	2.841		36.89		
82. 2. 1	3	2.761		36.19		
82. 2. 3	3	2.662		37.26		
1701	6.9	3.6645	+0.0233	+12.816	−0.417	29°566
74. 2. 4	1	3 21 6.964		29 56 23.63		Z.C. δ $22''.5$
77. 1.24	3	6.870		22.53		
77. 1.24	2	7.080		22.21		
78. 1.25	1	7.066		22.37		
91. 1.22	7	6.908		22.45		
91. 2. 4	7	6.904		21.56		
1702	9.5	3.5936	+0.0210	+12.794	−0.408	26°559
74. 1.21	3	3 21 25.964		26 51 34.84		
76. 1.29	3	26.195		35.88		
86. 2. 1	5	26.260		35.23		
1703	7.9	3.5717	+0.0203	+12.791	−0.407	25°554
77. 1.22	3	3 21 28.647		25 52 30.03		Z.C. δ $29''.7$
77.12.17	3	28.676		29.41		
77.12.18	2	28.670		29.31		
78. 1.23	3	28.645		29.99		
78. 2. 8	2	28.457		29.63		
1704	9.4	3.5930	+0.0209	+12.763	−0.410	26°561
74. 1.21	3	3 21 53.640		26 47 41.57		Z.C. δ $41''.1$
80. 1.29	3	53.683		40.45		
80. 1.30	3	53.835		40.56		
81. 1.31	3	53.993		40.77		
82. 1.23	2	54.103		41.71		
83. 1.18	3	53.745		41.27		+5′
1705	9.2	3.5548	+0.0197	+12.755	−0.405	24°497
85. 2. 7	5	3 22 1.195		25 4 5.31		
86. 1.27	5	1.248		4.49		
86. 1.28	5	1.249		4.59		

1706	9^{m}5	3^{s}5789	+0^{s}0204	+12″748	−0″408	26°562
	76. 1.29	2	3^{h}22^m 7^{s}177	26° 8′ 41″47		†
1707	9.5	3.5801	+0.0204	+12.718	−0.409	26°563
	80. 1.29	3	3 22 34.370	26 9 56.11		
	80. 1.30	3	34.402	55.63		ex. ft.
1708	7.5	3.6598	+0.0229	+12.714	−0.418	29°568
	74. 2. 4	3	3 22 37.086	29 36 31.55		
	77. 1.26	3	37.158	31.45		
	87. 1.31	5	37.102	32.15		
1709	8.7	3.5902	+0.0207	+12.700	−0.410	26°565
	80. 1.26	3	3 22 49.938	26 35 30.42		
	80. 1.31	3	49.874	32.49		
	82. 1.23	2	49.997	31.70		
	82. 2. 3	3	49.840	30.71		
1710	9.2	3.6418	+0.0223	+12.683	−0.417	28°540
	72 12.28	3	3 23 4.945	28 48 28.63		
	74. 1.24	3	4.980	27.57		
	76. 2. 2	3	4.949	29.35		
1711	9.0	3.5624	+0.0198	+12.670	−0.408	25°558
	77. 1.22	3	3 23 16.598	25 18 33.25		Z.C. δ 35″0
	77.12.17	3	16.504	35.23		ft.
	78. 1.23	3	16.459	35.28		
	81. 1.31	3	16.782	36.24		
1712	8.5	3.6512	+0.0226	+12.664	−0.418	29°570
	74. 2. 4	3	3 23 21.528	29 10 58.78		
	78. 1.25	3	21.745	57.90		c. d. l.
	79. 1.22	3	21.348	58.10		
1713	8.2	3.6074	+0.0212	+12.657	−0.414	27°513
	72.12. 9	2	3 23 28.149	27 17 39.13		
	72.12.11	3	27.993	41.66		− 10^s
	73. 1. 2	3	28.018	42.25		
	73.12.16	3	28.050	41.58		
	76. 1.22	3	28.272	39.71		
	76. 1.31	3	27.966	40.23		
1714	8.0	3.6076	+0.0212	+12.654	−0.414	27°514
	72.12. 9	2	3 23 30.788	27 18 6.56		
	72.12.11	2	30.734	7.66		
	73. 1. 2	2	30.708	7.74		
	73.12.16	3	30.700	8.03		
	76. 1.22	2	30.852	6.21		
1715	8.1	3.5936	+0.0207	+12.653	−0.412	26°566
	74. 1.21	3	3 23 30.970	26 40 58.61		
	76. 1.29	3	31.019	58.69		
	86. 2. 1	5	30.946	59.00		
1716	9.5	3.6304	+0.0218	+12.648	−0.416	— —
	74. 1.24	3	3 23 35.552	28 16 42.39		†
1717	9.0	3.5516	+0.0195	+12.638	−0.408	24°502
	86. 1.28	5	3 23 44.178	24 47 5.94		
	87. 1.10	7	44.224	6.52		
1718	8.9	3.5788	+0.0202	+12.638	−0.411	25°561
	74.12.29	3	3 23 44.597	26 0 42.04		
	78. 1.23	3	44.459	41.58		+ 1^m
	78. 2. 8	3	44.360	42.13		
	86. 2. 6	7	44.683	39.18		
1719	6^{m}2	3^{s}6046	+0^{s}0210	+12″635	−0″414	27°515 A
	76. 1.31	3	3^{h}23^{m}47^{s}519	27° 8′ 35″27		d. p.
	78. 1.31	3	47.318	36.27		Z.C. δ 35″7
	78. 2. 1	3	47.434	35.50		
1720	6.0	3.6046	+0.0210	+12.634	−0.414	27°515 B
	78. 1.31	3	3 23 48.128	27 8 34.92		Z.C. δ 35″1
	78. 2. 1	3	48.124	35.35		
	88. 1.25	7	48.183	35.13		
	88. 2. 1	7	48.350	35.04		
1721	8.9	3.5726	+0.0200	+12.633	−0.410	25°563
	80. 1.29	3	3 23 48.769	25 43 47.13		
	82. 1.25	3	48.769	47.68		
	82. 2. 1	3	48.742	47.12		
	83. 1.18	3	48.716	48.32		
1722	8.1	3.5527	+0.0195	+12.631	−0.408	24°503
	85. 2. 7	5	3 23 50.248	24 49 39.14		
	86. 1.27	7	50.362	39.28		
	86. 1.30	7	50.285	38.33		
	87. 1.12	7	50.310	38.31		
	87. 1.20	7	50.281	38.15		
1723	9.1	3.5972	+0.0208	+12.627	−0.413	26°567
	74. 1.21	2	3 23 54.471	26 48 53.70		
	80. 1.26	3	54.413	52.72		
	80. 1.30	3	54.550	54.15		
1724	9.1	3.5633	+0.0198	+12.615	−0.410	25°565
	77.12.18	3	3 24 5.128	25 17 34.26		* fog. v. ft.
	78. 2. 8	3	4.777	34.56		
	80. 1.31	3	4.748	34.50		
	82. 2. 1	3	4.795	33.98		
1725	9.2	3.6123	+0.0212	+12.595	−0.415	27°517
	73.12.16	2	3 24 22.711	27 25 58.95		
	87. 1.31	5	22.928	58.17		
	88. 2. 3	7	22.776	57.96		
1726	7.8	3.6630	+0.0228	+12.586	−0.421	29°571
	74. 2. 4	3	3 24 30.275	29 34 41.43		
	77. 1.24	3	30.211	39.89		
	77. 1.24	3	30.111	40.42		
	77. 1.26	3	30.196	41.72		
	77. 1.26	3	30.356	42.14		
	79. 1.22	3	30.101	41.07		
1727	8.2	3.6516	+0.0224	+12.583	−0.420	29°572
	78. 1.25	3	3 24 33.138	29 6 12.50		
	79. 1.22	2	32.931	13.83		
	80. 1.26	3	32.846	12.69		
	83. 1.26	3	32.871	13.75		
	83. 2. 9	2	32.789	13.95		
1728	9.5	3.6320	+0.0217	+12.574	−0.418	28°542
	76. 2. 2	3	3 24 40.991	28 15 12.40		Z.C. δ 11″9
	86. 2. 1	3	41.158	11.42		−1 int.w.2 − 1^s
1729	8.9	3.6253	+0.0215	+12.549	−0.418	27°519
	73. 1. 2	3	3 25 2.966	27 56 21.21		Z.C. δ 21″0
	76. 1.31	3	3.094	21.20		
	78. 2. 1	2	3.062	20.74		
	80. 1.29	3	2.893	20.82		
	82. 2. 3	3	2.965	20.56		
	83. 1.18	3	2.857	21.65		

1730	$9^{m}.5$	$3^{s}.5761$	$+0^{s}.0200$	$+12''.548$	$-0''.412$	$25^{\circ}566$
74.12.29	1	$3^{h}25^{m}3^{s}.720$	$25^{\circ}46'46''.34$	v. ft.		
92. 2.12	4	3.540	44.07			
1731	9.3	3.6024	+0.0208	+12.547	−0.415	$26^{\circ}569$
74. 1.21	3	3 25 5.160	26 56 37.67	Z.C. $\delta\,37''.6$		
76. 1.29	3	5.193	37.14			
80. 1.31	3	5.194	37.48			
81. 1.31	3	5.411	37.77			
83. 2. 3	3	5.267	38.06	− 1'		
1732	9.1	3.6245	+0.0214	+12.507	−0.418	$27^{\circ}521$
72.12.11	3	3 25 39.560	27 51 2.06			
73.12.16	2	39.578	2.28			
76. 1.22	3	39.981	0.33	* bad night		
1733	9.5	3.5810	+0.0201	+12.487	−0.414	— —
78. 1.23	3	3 25 57.759	25 55 59.56	† Z.C. $\delta\,59''.6$		
1734	9.3	3.5825	+0.0201	+12.485	−0.414	$25^{\circ}567$
77. 1.22	3	3 25 58.835	25 59 47.79	Z.C. $\delta\,48''.1$		
77.12.17	3	58.783	48.38			
78. 2. 8	3	58.584	48.12			
85. 2. 7	7	58.714	49.02			
86. 1.28	7	58.800	47.07			
86. 2. 8	7	58.747	48.48			
1735	9.4	3.5839	+0.0200	+12.432	−0.415	$25^{\circ}572$
78. 1.23	3	3 26 45.832	26 0 5.84			
78. 2. 8	3	45.592	6.11			
1736	9.3	3.6574	+0.0222	+12.424	−0.424	$29^{\circ}575$
78. 1.25	3	3 26 52.625	29 8 36.40	† Z.C. $\delta\,36''.4$		
1737	9.5	3.5669	+0.0196	+12.409	−0.414	$25^{\circ}573$
78. 2. 8	3	3 27 6.055	25 13 6.51	Z.C. $\delta\,5''.3$		
86. 1.30	5	6.119	5.18			
87. 1.31	5	6.192	4.07			
1738	9.2	3.6523	+0.0220	+12.393	−0.424	$28^{\circ}544$
72.12.28	3	3 27 19.706	28 53 32.27			
74. 1.24	3	19.712	32.70			
76. 2. 2	3	19.847	33.49			
78. 1.26	3	19.827	32.74			
89. 1.23	7	19.794	33.75			
1739	8.3	3.5893	+0.0201	+12.384	−0.417	$26^{\circ}572$
74. 1.21	3	3 27 27.416	26 11 13.38			
76. 1.29	3	27.253	13.36			
86. 2. 6	5	27.525	12.92			
87. 1.12	7	27.404	13.91			
1740	9.0	3.6681	+0.0224	+12.374	−0.426	$29^{\circ}577$
74. 2. 4	3	3 27 35.707	29 31 33.31			
92. 2.11	7	35.871	30.52			
1741	9.1	3.5892	+0.0200	+12.374	−0.417	$26^{\circ}573$
76. 1.29	2	3 27 36.066	26 9 55.15			
86. 1.27	7	36.021	55.03			
86. 2. 1	5	35.922	55.37			
87. 1.10	5	35.727	55.00			
1742	$8^{m}.5$	$3^{s}.5956$	$+0^{s}.0202$	$+12''.359$	$-0''.418$	$26^{\circ}574$
74. 1.21	3	$3^{h}27^{m}49^{s}.272$	$26^{\circ}25'51''.55$	d.l.		
80. 1.26	3	49.344	52.43	d.s.p.		
80. 1.29	3	49.244	51.68	d.s.p.		
81. 1.31	3	49.481	51.38	d.s.p.		
82. 2. 1	3	49.166	50.70	d.s.p.		
83. 1.18	3	49.148	51.76	d.s.p.		
83. 2. 3	3	49.273	53.46	d.s.p.		
83. 2. 9	3	49.297	52.70	Z.C. $\delta\,52''.0$		
1743	8.9	3.6112	+0.0207	+12.357	−0.420	$27^{\circ}525$
72.12.11	3	3 27 50.577	27 6 20.99			
73. 1. 2	3	50.553	21.20			
73.12.16	3	50.444	20.22			
76. 1.22	3	50.630	20.74			
1744	8.5	3.6187	+0.0209	+12.356	−0.421	$27^{\circ}526$
76. 1.31	3	3 27 52.066	27 25 39.33	Z.C. $\delta\,39''.3$		
78. 2. 1	3	52.039	39.34			
80. 1.30	3	51.914	39.33			
82. 2. 3	3	51.949	39.20			
1745	9.5	3.6026	+0.0204	+12.343	−0.419	$26^{\circ}576$
80. 1.30	2	3 28 3.627	26 43 5.54	Z.C. $\alpha\,3^{s}.65$		
80. 1.31	3	3.563	5.45			
82. 1.23	3	3.752	3.78			
1746	7.4	3.6709	+0.0224	+12.311	−0.428	$29^{\circ}579$
74. 2. 4	3	3 28 30.834	29 33 57.71	Z.C. $\delta\,56''.6$		
77. 1.24	3	30.825	56.51			
77. 1.24	3	30.775	55.58			
77. 1.26	3	30.800	56.35			
77. 1.26	3	30.720	56.25			
78. 1.25	3	30.887	57.30			
1747	8.1	3.6141	+0.0207	+12.311	−0.422	$27^{\circ}529$
72.12.11	3	3 28 31.153	27 10 31.03			
73. 1. 2	3	31.084	30.31			
76. 1.22	3	31.059	29.35			
76. 1.31	3	31.113	29.42			
91. 1.22	7	31.175	29.61			
91. 1.30	7	31.086	29.21			
91. 2. 2	7	31.199	29.95			
91. 2. 4	7	31.253	29.58			
1748	9.4	3.5931	+0.0201	+12.310	−0.419	$26^{\circ}578$
83. 2. 5	3	3 28 32.212	26 15 43.67	† Z.C. $\delta\,43''.7$		
1749	8.9	3.6084	+0.0205	+12.306	−0.421	$26^{\circ}579$
74. 1.21	2	3 28 35.663	26 55 34.26			
80. 1.26	3	35.738	33.91			
80. 1.31	3	35.585	35.17			
1750	8.5	3.6467	+0.0216	+12.298	−0.425	$28^{\circ}547$
72.12.28	3	3 28 42.389	28 32 43.99			
74. 1.24	3	42.296	43.67			
76. 2. 2	3	42.267	44.11			
78. 1.26	3	42.347	43.26			
1751	8.8	3.5646	+0.0192	+12.286	−0.416	$24^{\circ}512$
93. 1.18	7	3 28 52.592	24 58 55.37			
93. 1.19	7	52.546	55.28			

1752	$9^{m}.5$	$3^{s}.5982$	$+0^{s}.0202$	$+12''.279$	$-0''.420$	26°580
80. 1.29	3	$3^{h}28^{m}58^{s}.873$		26° 27′ 3″.91		Z.C. δ 4″.4
81. 1.31	3	58.936		5.65		
86. 1.30	5	58.758		4.50		
88. 2. 3	7	59.055		3.57		+ 5′
1753	7.1	3.6536	+0.0218	+12.276	−0.426	28°548
74. 1.24	3	3 29 1.062		28 48 25.18		
76. 2. 2	3	1.070		27.44		
78. 1.26	3	1.186		26.94		
1754	9.3	3.5608	+0.0191	+12.268	−0.415	24°514
85. 2. 7	5	3 29 8.054		24 47 52.42		
86. 2. 1	5	8.091		50.97		
87. 1.31	5	8.100		51.35		
1755	9.4	3.6179	+0.0207	+12.266	−0.423	27°530
73. 1. 2	2	3 29 10.150		27 17 24.91		
80. 1.30	1	10.414		23.72		
1756	9.1	3.6087	+0.0204	+12.256	−0.422	26°581
76. 1.29	3	3 29 18.397		26 52 45.74		
82. 1.23	3	18.678		45.07		
82. 2. 3	3	18.459		45.99		
83. 2. 9	3	18.658		47.14		
1757	9.3	3.5772	+0.0195	+12.250	−0.418	25°579
78. 1.23	3	3 29 23.662		25 29 52.25		Z.C. δ 51″.6
78. 2. 8	3	23.550		51.13		
82. 1.25	2	23.913		51.52		
82. 2. 1	3	23.653		50.57		
83. 1.18	3	23.698		52.64		
1758	8.0	3.5796	+0.0196	+12.231	−0.419	25°580
77. 1.22	3	3 29 40.042		25 35 5.73		
77.12.17	3	40.055		5.39		
78. 1.23	3	39.925		5.75		
78. 2. 8	3	40.013		5.97		
1759	9.5	3.6197	+0.0207	+12.225	−0.424	27°533
78. 2. 1	3	3 29 45.752		27 19 3.30		
80. 1.29	3	45.844		3.29		v. ft.
83. 2. 3	3	45.905		3.56		
1760	8.9	3.6367	+0.0212	+12.212	−0.426	27°534
72.12.11	3	3 29 56.554		28 1 39.17		Z.C. δ 38″.2
76. 1.31	3	56.564		37.11		
78. 2. 1	2	56.577		38.30		
1761	8.9	3.6369	+0.0211	+12.143	−0.428	27°537
72.12.11	3	3 30 56.230		27 57 19.85		Z.C. δ 18″.5
76. 1.22	3	56.233		17.95		
78. 2. 1	2	56.339		17.81		
1762	9.4	3.5984	+0.0199	+12.133	−0.423	26°586
83. 2. 5	2	3 31 4.827		26 18 13.34		† Z.C. δ 13″.3
1763	9.0	3.5697	+0.0191	+12.124	−0.420	24°524
85. 2. 7	5	3 31 12.745		25 2 24.45		
86. 1.28	5	12.902		23.17		
86 1.30	5	12.744		23.91		
1764	$9^{m}.4$	$3^{s}.5846$	$+0^{s}.0195$	$+12''.105$	$-0''.422$	25°582
78. 1.23	3	$3^{h}31^{m}29^{s}.066$		25° 40′ 17″.10		
78. 2. 8	3	29.242		17.56		+ 5′
86. 2. 8	4	29.464		17.95		v. ft.
1765	8.8	3.6284	+0.0207	+12.097	−0.427	27°540
73. 1. 2	3	3 31 35.750		27 32 46.41		Z.C. δ 45″.3
76. 1.22	3	35.842		44.66		
76. 1.31	3	35.756		45.76		
80. 1.26	3	35.879		44.91		
80. 2. 4	3	36.011		44.90		
81. 1.31	3	35.808		45.04		
1766	8.7	3.5639	+0.0188	+12.092	−0.420	24°526
86. 1.27	7	3 31 40.575		24 44 47.58		
86. 2. 1	5	40.622		47.56		
87. 1.10	7	40.566		49.19		
87. 1.12	7	40.724		48.28		
87. 1.31	5	40.515		48.06		
1767	9.1	3.6643	+0.0217	+12.092	−0.432	28°555
72.12.28	3	3 31 40.620		29 2 3.44		Z.C. δ 3″.4
74. 1.24	3	40.774		3.44		
76. 2. 2	3	40.557		3.46		
78. 1.26	3	40.929		3.25		
89. 1.23	5	40.713		3.55		
1768	9.4	3.5732	+0.0191	+12.082	−0.421	25°583
78. 2. 8	1	3 31 48.969		25 8 57.83		bad
80. 1.29	3	48.908		55.96		Z.C. δ 57″.1
80. 1.31	3	48.907		57.38		
1769	9.0	3.6650	+0.0217	+12.074	−0.432	28°556
72.12.28	3	3 31 55.850		29 2 33.01		
74. 1.24	3	55.863		32.28		
76. 2. 2	3	55.796		33.73		
1770	9.0	3.6030	+0.0200	+12.073	−0.425	26°589
74. 1.21	3	3 31 56.452		26 26 14.27		Z.C. δ 14″.5
76. 1.29	3	56.440		14.72		
80. 1.30	3	56.461		14.72		
81. 1.31	3	56.526		14.82		
82. 2. 3	3	56.549		13.83		
1771	8.5	3.6119	+0.0202	+12.070	−0.426	26°590
74. 1.21	3	3 31 59.263		26 48 46.42		
76. 1.29	2	59.322		46.98		
88. 1.25	5	59.370		45.61		
88. 2. 1	5	59.503		47.41		− 1′
1772	8.9	3.5865	+0.0195	+12.070	−0.423	25°584
74.12.29	3	3 31 59.381		25 43 5.08		Z.C. δ 4″.6
77. 1.22	3	59.544		3.80		
77.12.17	3	59.395		5.05		
1773	8.9	3.6246	+0.0205	+12.064	−0.427	27°542
72.12.11	3	3 32 4.812		27 21 0.93		
76. 1.22	1	4.726		0.66		
76. 1.31	3	4.789		0.94		
1774	9.0	3.6050	+0.0200	+12.058	−0.425	26°591
80. 1.26	3	3 32 9.676		26 30 10.96		
80. 2. 4	3	9.715		10.53		
83. 1.18	3	9.630		11.74		

1775	9^{m}.3	3^{s}.6534	+0^{s}.0214	+12″.055	−0″.431	28°557
74. 1.24	1	3^{h}32^{m}12^{s}.548	28° 32′ 24″.22	Z.C. δ 24″.3		
82. 2. 1	3	12.477	24.58			
83. 1.26	3	12.627	24.09			
1776	9.4	3.6008	+0.0198	+12.043	−0.425	26°592
80. 1.31	3	3 32 22.143	26 18 33.95	Z.C. δ 33″.5		
83. 1.26	2	22.288	33.22			
83. 2. 5	3	22.328	34.43			
90. 1.27	7	22.252	32.31			
1777	8.9	3.5660	+0.0189	+12.041	−0.421	24°528
87. 1.20	7	3 32 23.966	24 47 15.33			
87. 1.28	7	23.966	15.24			
88. 2. 3	5	23.945	14.34			
1778	9.5	3.5801	+0.0192	+12.031	−0.423	25°585
78. 1.23	3	3 32 32.873	25 24 3.64	Z.C. δ 3″.2		
82. 2. 1	1	33.100	2.80			
1779	9.2	3.5986	+0.0198	+12.029	−0.425	26°594
80. 1.30	3	3 32 34.458	26 11 53.96	Z.C. δ 55″.1		
83. 2. 3	3	34.461	56.30			
1780	8.9	3.6069	+0.0199	+12.026	−0.426	26°595
83. 2. 9	3	3 32 36.674	26 33 17.56			
92. 2.12	7	36.786	16.46			
93. 1.18	7	36.809	17.52			
1781	9.0	3.6689	+0.0217	+12.022	−0.434	29°589
74. 2. 4	3	3 32 40.558	29 8 36.21	Z.C. δ 35″.8		
78. 1.25	3	40.572	35.99			
79. 1.22	3	40.530	35.18			
1782	8.6	3.6053	+0.0199	+12.020	−0.426	26°596
84. 1.21	3	3 32 41.771	26 28 45.53			
85. 2. 7	5	41.817	45.35			
1783	9.0	3.6789	+0.0220	+12.019	−0.434	29°590
74. 2. 4	3	3 32 42.551	29 32 53.16	Z.C. δ 53″.5		
77. 1.26	3	42.553	53.58			
77. 1.26	3	42.643	53.04			
83. 2. 5	3	42.542	54.13			
1784	8.7	3.6045	+0.0198	+12.017	−0.426	26°597
83. 2. 3	3	3 32 44.704	26 26 28.01	Z.C. δ 27″.4		
85. 2. 5	1	44.886	26.86			
1785	8.7	3.6471	+0.0210	+12.009	−0.432	28°560
78. 1.26	3	3 32 51.906	28 13 47.87	Z.C. δ 47″.6		
84. 1.24	3	51.836	47.38			
1786	9.0	3.6672	+0.0216	+11.999	−0.434	28°561
76. 2. 2	3	3 33 0.317	29 2 51.51			
91. 1.22	7	0.142	51.73			
91. 1.30	7	0.308	52.16			
1787	7.0	3.6507	+0.0212	+11.998	−0.432	28°562
80. 1.26	1	3 33 0.727	28 22 3.32	d.n.f.		
86. 1.28	7	0.664	2.88	c.d.n.f.		
86. 2. 8	5	0.602	3.42	n.f.		
1788	6^{m}.7	3^{s}.5705	+0^{s}.0189	+11″.977	−0″.423	24°529
77. 1.22	3	3^{h}33^{m}18^{s}.429	24° 55′ 23″.64	Z.C. δ 24″.2		
77. 12.17	3	18.529	24.69			
1789	9.0	3.5835	+0.0192	+11.969	−0.424	25°589
86. 1.30	6	3 33 25.333	25 29 2.26			
87. 1.31	5	25.357	1.41			
1790	8.9	3.5739	+0.0189	+11.964	−0.424	24°530
80. 1.29	3	3 33 29.941	25 3 32.39			
95. 9.26	7	29.864	32.50			
95. 9.27	7	29.789	31.92			
95. 11.14	4	29.787	30.77			
1791	8.6	3.6698	+0.0216	+11.954	−0.435	29°592
74. 2. 4	2	3 33 38.142	29 6 8.37			
84. 1.21	4	37.796	6.74			
1792	9.0	3.6463	+0.0209	+11.952	−0.432	28°563
86. 2. 1	5	3 33 39.993	28 7 53.27			
89. 1.23	7	40.038	53.39	+ 1^{m}C − 10″		
1793	7.0	3.6502	+0.0210	+11.952	−0.433	28°564
72. 12.28	2	3 33 40.582	28 17 50.82			
80. 2. 4	3	40.547	49.64			
1794	9.5	3.6106	+0.0199	+11.951	−0.428	26°599
74. 1.21	2	3 33 40.770	26 37 58.51	Z.C. δ 59″.0		
80. 1.31	3	41.072	58.50			
83. 1.18	3	41.211	59.07			
88. 2. 3	2	40.811	59.93	ex. ft.		
1795	9.3	3.6777	+0.0218	+11.941	−0.436	29°593
78. 1.25	3	3 33 49.517	29 24 33.18	Z.C. δ 32″.9		
88. 1.25	5	49.702	33.83			
88. 2. 1	5	49.759	31.62			
1796	8.7	3.5730	+0.0189	+11.913	−0.424	24°534
74. 12.29	3	3 34 13.640	24 57 59.64	Z.C. δ 59″.0		
77. 1.22	3	13.628	59.56			
77. 12.17	3	13.593	58.55			
78. 1.23	3	13.499	57.99			
78. 2. 8	3	13.494	59.37			
1797	8.4	3.6424	+0.0207	+11.890	−0.433	27°550
72. 12.11	3	3 34 33.140	27 54 12.92			
73. 1. 2	3	33.332	13.68			
76. 1.22	3	33.507	11.87			
76. 1.31	3	33.331	12.61			
1798	8.7	3.6696	+0.0214	+11.889	−0.436	28°567
86. 1.27	5	3 34 33.887	29 1 17.31	−1′		
87. 1.10	5	33.901	17.74			
87. 1.12	5	33.920	16.87			
1799	9.4	3.6426	+0.0207	+11.883	−0.433	27°551
73. 1. 2	3	3 34 38.762	27 54 11.36			
76. 1.31	3	38.781	10.83			
1800	9.2	3.6781	+0.0217	+11.874	−0.438	29°594
74. 2. 4	3	3 34 46.315	29 21 42.11			
78. 1.25	3	46.565	41.97			

1801	$7^{m}.5$	$3^{s}.6020$	$+0^{s}.0195$	$+11''.861$	$-0''.429$	26°601
76. 1.29	3	$3^{h}34^{m}57^{s}.349$	26° 10' 16".61			
80. 2. 4	3	57.510	15.90			
84. 1.24	4	57.413	15.54			
86. 2. 8	5	57.445	16.46			
1802	9.3	3.6916	+0.0221	+11.854	−0.440	29°595
79. 1.22	3	3 35 3.467	29 52 20.39	? c.d.		
81. 1.31	3	3.786	19.28	c. d.		
83. 1.26	3	3.631	19.75	c.d.s.f.		
83. 2. 3	3	3.516	21.41	Z.C. δ 20".2		
1803	9.0	3.6517	+0.0209	+11.849	−0.435	28°569
72.12.28	3	3 35 7.889	28 14 46.68	Z.C. δ 47".1		
74. 1.24	3	7.966	46.06			
83. 1.18	3	7.660	47.78			
83. 2. 5	3	7.822	47.76			
1804	9.5	3.5836	+0.0190	+11.843	−0.427	25°592
85. 2. 7	3	3 35 12.953	25 21 26.24	v. ft.		
86. 2. 1	5	13.129	27.21			
1805	8.6	3.6902	+0.0220	+11.836	−0.439	29°597
83. 2. 3	3	3 35 18.835	29 47 37.21	Z.C. δ 36".7		
83. 2. 9	3	18.958	36.87			
87. 1.31	5	18.883	36.06			
1806	7.0	3.5825	+0.0189	+11.814	−0.427	25°593
86. 1.28	5	3 35 37.686	25 16 52.22	d.s.		
92. 2.12	4	37.744	51.38			
93. 1.18	7	37.637	52.09	d.s.		
1807	9.1	3.6328	+0.0203	+11.813	−0.433	27°553
72.12.11	3	3 35 38.359	27 25 33.39	Z.C. δ 32".9		
81. 1.31	3	38.445	32.42			
1808	9.1	3.6762	+0.0215	+11.804	−0.438	29°599
86. 1.30	5	3 35 46.338	29 11 39.69			
90. 1.27	7	46.441	40.42			
1809	9.1	3.6789	+0.0215	+11.793	−0.439	29°600
77. 1.24	3	3 35 55.734	29 17 30.44			
83. 2. 5	3	55.765	31.93			
1810	9.0	3.6034	+0.0195	+11.785	−0.430	26°604
76. 1.29	3	3 36 1.911	26 9 18.48			
88. 2. 3	5	1.949	18.59			
1811	8.4	3.5937	+0.0192	+11.777	−0.429	25°598
87. 1.20	5	3 36 8.747	25 43 35.57			
92. 2.11	6	8.770	34.99			
93. 1.19	1	8.574	36.44			
1812	8.3	3.5854	+0.0190	+11.777	−0.428	25°597
84. 1.18	3	3 36 9.268	25 22 16.05			
91. 1.22	5	9.227	17.76			
91. 1.30	7	9.261	16.82			
1813	8.0	3.5998	+0.0194	+11.770	−0.430	25°599
83. 2. 9	3	3 36 14.779	25 58 55.70			
87. 1.28	5	14.879	55.76			
91. 2. 2	5	14.852	55.94			
91. 2. 4	5	14.708	54.46			

1814	$9^{m}.0$	$3^{s}.6763$	$+0^{s}.0213$	$+11''.769$	$-0''.439$	29°602
88. 2. 1	5	$3^{h}36^{m}15^{s}.532$	29° 9' 48".87			
93. 1.20	3	15.515	49.25			
1815	8.5	3.6793	+0.0215	+11.768	−0.439	29°603
78. 1.25	3	3 36 16.688	29 17 1.74	Z.C. δ 2".2		
83. 1.26	3	16.535	2.72			
1816	9.3	3.5774	+0.0187	+11.767	−0.427	24°538
93. 2. 8	4	3 36 18.333	25 0 51.57			
94. 1.11	7	18.032	53.74			
1817	9.0	3.5743	+0.0186	+11.761	−0.428	24°539
87. 1.10	5	3 36 22.330	24 52 15.92			
87. 1.12	5	22.456	14.45	+1'		
1818	7.7	3.5848	+0.0189	+11.760	−0.429	25°600
83. 1.18	3	3 36 23.096	25 19 46.08	+ 1^{s}		
86. 1.27	7	23.156	46.03			
1819	8.3	3.6246	+0.0200	+11.752	−0.434	26°607
91.12.23	7	3 36 30.651	27 1 10.02			
93. 1.27	7	30.587	8.86			
93. 2. 6	4	30.755	9.56			
1820	8.0	3.5886	+0.0190	+11.750	−0.429	25°601
83. 2. 5	2	3 36 32.056	25 29 5.13	Z.C. δ 4".6		
93. 2. 6	2	32.133	4.03			
1821	9.0	3.6441	+0.0205	+11.733	−0.436	27°555
72.12.11	3	3 36 46.667	27 48 37.33			
95. 9.26	5	46.878	37.34			
95.11.14	4	46.939	35.85			
95.11.18	4	46.735	36.53			
1822	8.2	3.6843	+0.0216	+11.718	−0.441	29°606
81. 1.31	2	3 36 58.724	29 25 31.70	Z.C. δ 31".2		
84. 1.18	2	58.712	30.62			
1823	6.7	3.6372	+0.0203	+11.715	−0.435	27°556
84. 1.21	4	3 37 1.419	27 30 8.71			
85. 2. 5	7	1.518	8.39			
85. 2. 7	5	1.459	9.16			
1824	7.0	3.6380	+0.0203	+11.708	−0.436	27°558
84. 1.24	4	3 37 7.487	27 31 43.28			
86. 2. 6	3	7.494	42.86			
1825	8.0	3.6924	+0.0218	+11.707	−0.442	29°607
78. 1.25	3	3 37 8.148	29 44 19.68	Z.C. δ 20".5		
83. 2. 3	3	7.990	21.39			
1826	8.9	3.6293	+0.0200	+11.692	−0.435	27°559
86. 1.28	5	3 37 20.621	27 9 7.29			
87. 1.31	7	20.589	7.94	D − 10" n.p.		
1827	9.0	3.6801	+0.0214	+11.688	−0.441	29°609
83. 1.26	3	3 37 24.321	29 13 51.60			
86. 2. 1	7	24.502	52.02			
1827^{a}	9.1	3 6849	+0.0215	+11.687	−0.442	29°608
95. 9.27	7	3 37 24.747	29 25 21.02			
95.12.10	3	24.725	20.97			
96. 2. 5	7	24.652	18.72			

1828	8^{m}5	3^{s}6144	+0^{s}0195	+11″667	−0″434	26°608
93. 1.19	3	3^{h}37^{m}41^{s}992		26°29′47″12		
93. 1.20	3	42.010		48.65		
93. 2. 8	5	41.928		47.51		
1829	7.5	3.6573	+0.0207	+11.659	−0.439	28°575
72.12.28	3	3 37 48.669		28 16 30.28		
86. 1.30	5	48.649		29.84		
1830	8.0	3.6461	+0.0204	+11.652	−0.438	27°561
72.12.11	3	3 37 54.639		27 48 29.57		
93. 1.18	5	54.663		30.12		
1831	8.5	3.5849	+0.0187	+11.642	−0.431	25°607
83. 1.18	3	3 38 3.366		25 13 1.87		§
83. 2. 3	3	3.281		2.22		
83. 2. 9	3	3.382		2.18		
1832	9.2	3.6056	+0.0193	+11.640	−0.433	26°610
88. 2. 3	5	3 38 4.452		26 6 19.39		
93.12.22	7	4.321		20.50		
1833	9.4	3.6021	+0.0192	+11.639	−0.433	25°608
94. 1.26	7	3 38 5.858		25 57 1.50		
94. 1.30	7	5.770		4.54		
1834	9.1	3.5908	+0.0189	+11.633	−0.431	25°609
88. 2. 1	5	3 38 10.537		25 27 38.61		†
1835	8.4	3.6602	+0.0207	+11.625	−0.440	28°579
87. 1.20	3	3 38 17.402		28 21 35.08		
93. 2.10	3	17.541		34.20		
1836	8.4	3.5964	+0.0191	+11.612	−0.433	25°611
83. 2. 3	2	3 38 28.313		25 40 60.95		Z.C. δ 59″4
93. 2.10	1	28.101		58.23		
94. 1.23	3	27.998		59.85		
94. 1.31	7	28.441		57.43		v. ft.
94. 2. 8	7	28.463		60.37		
1837	8.6	3.6633	+0.0208	+11.610	−0.440	28°580
72.12.28	3	3 38 30.128		28 27 56.26		
84. 1.24	3	30.296		56.28		
87. 1.28	5	29.979		57.56		
1838	8.2	3.5807	+0.0186	+11.610	−0.431	24°554
83. 2. 5	3	3 38 29.966		25 0 23.60		
93. 1.20	3	30.306		21.92		
94. 2.10	5	30.219		23.25		
1838^a	8.5	3.5941	+0.0189	+11.609	−0.432	25°612
95.11.18	2	3 38 30.785		25 34 45.73		
96. 1.17	7	30.690		46.21		
96. 1.29	7	30.515		44.42		
1839	9.1	3.6266	+0.0198	+11.607	−0.437	26°615
87. 1.10	5	3 38 32.086		26 57 9.94		†
1840	8.3	3.6840	+0.0213	+11.593	−0.443	29°616
84. 1.18	2	3 38 43.907		29 16 48.93		
94. 2.12	3	43.820		46.92		
1841	9^{m}0	3^{s}6374	+0^{s}0200	+11″589	−0″438	27°562
72.12.11	3	3^{h}38^{m}47^{s}357		27°22′58″14		
96. 1.14	7	47.285		59.07		
96. 1.28	7	47.367		58.30		
1842	8.5	3.5920	+0.0188	+11.569	−0.433	25°615
84. 1.21	3	3 39 4.213		25 27 11.15		−5′
95. 9.26	3	4.419		11.19		
96. 1.22	3	4.294		11.43		
96. 2. 4	7	4.323		10.02		
1843	8.5	3.6604	+0.0206	+11.553	−0.442	28°582
93. 1.27	4	3 39 18.685		28 17 21.04		
93. 2. 6	7	18.847		21.32		
1843^a	9.5	3.6661	+0.0207	+11.550	−0.442	28°583
96. 1.15	5	3 39 20.317		28 31 15.11		v. ft.
96. 1.30	7	20.113		18.20		ex. ft.
1844	8.9	3.5877	+0.0186	+11.542	−0.433	25°616
83. 2. 5	3	3 39 27.155		25 14 43.47		Z.C. δ 42″6
93. 2. 8	7	27.195		41.79		
1845	9.0	3.6975	+0.0217	+11.536	−0.446	29°618
83. 2. 9	3	3 39 31.717		29 45 31.35		
95.11.14	7	31.560		31.35		
95.12.10	6	31.807		30.90		
1846	8.3	3.6910	+0.0213	+11.523	−0.445	29°620
86. 1.30	5	3 39 42.702		29 29 8.56		
94. 2.19	6	42.866		6.26		
1847	8.9	3.6793	+0.0210	+11.505	−0.445	28°585
93. 1.18	5	3 39 57.914		29 0 12.63		
94. 2.13	1	58.135		13.54		
1848	8.4	3.5834	+0.0184	+11.482	−0.433	24°568
81. 1.31	3	3 40 17.459		24 59 53.09		Z.C. δ 53″9
83. 2. 3	3	17.381		54.65		
1849	9.0	3.6603	+0.0204	+11.477	−0.443	28°586
72.12.28	3	3 40 21.453		28 12 32.14		
83. 1.18	3	21.377		32.53		
1850	9.0	3.6945	+0.0214	+11.461	−0.447	29°621
93. 1.27	6	3 40 35.228		29 33 32.45		
94. 1.11	7	35.025		34.64		
1851	9.0	3.6380	+0.0199	+11.459	−0.441	27°567
72.12.11	3	3 40 36.944		27 16 47.38		
94. 2.10	7	37.138		45.43		
1852	9.1	3.6656	+0.0205	+11.455	−0.444	28°587
83. 2. 9	3	3 40 39.519		28 23 52.67		
94. 2. 9	7	39.172		51.43		
1853	8.0	3.6124	+0.0191	+11.447	−0.438	26°617
84. 1.21	3	3 40 46.158		26 12 4.34		
93. 1.20	4	46.109		3.87		
1854	8.5	3.6060	+0.0189	+11.424	−0.437	25°619
78. 2. 8	1	3 41 5.848		25 54 23.56		Z.C. δ 22″6
93. 2. 6	4	5.891		21.71		

1855	$8^{m}5$	$3^{s}5945$	$+0^{s}0186$	+11″417	−0″435	25°620
87. 1.28	7	$3^{h}41^{m}11^{s}187$		25° 24′ 50″23		
93. 1.19	7	11.410		48.28		
1856	9.0	3.6490	+0.0200	+11.408	−0.443	27°569
72.12.11	3	3 41 18.704		27 40 41.82		
93. 2.10	5	18.785		41.18		
1857	8.8	3.6589	+0.0202	+11.401	−0.444	28°592
91.12.23	5	3 41 25.165		28 4 31.89		Z.C.Ep.94.3
94.12. 8	5	24.901		31.55		
95. 1.18	7	25.039		30.98		
95. 1.21	7	24.936		31.96		
1858	8.7	3.6640	+0.0203	+11.376	−0.445	28°593
86. 1.30	7	3 41 45.519		28 15 26.85		
93. 1.18	5	45.489		25.01		
1859	8.9	3.6948	+0.0211	+11.355	−0.449	29°629
78. 1.25	3	3 42 3.244		29 27 44.94		Z.C. δ 45″1
79. 1.22	3	3.097		45.10		
83. 2. 3	3	3.025		45.34		
1860	9.0	3.6443	+0.0197	+11.353	−0.443	27°571
72.12.11	3	3 42 5.412		27 25 55.54		
83. 2. 5	3	5.238		57.24		
83. 2. 9	3	5.240		57.05		
1861	9.2	3.6156	+0.0190	+11.347	−0.440	26°619
76. 1.29	2	3 42 9.383		26 14 33.17		
93.12.22	7	9.111		33.36		
1862	9.4	3.7017	+0.0213	+11.344	−0.450	29°630
93. 2. 8	3	3 42 12.839		29 43 23.69		
94.12.19	5	12.158		23.43		
95. 1.23	7	12.375		22.18		v. ft.
95. 1.29	4	12.507		26.18		v. ft. + 1^{s}
1863	9.1	3.5929	+0.0184	+11.332	−0.437	25°621
86. 1.28	5	3 42 22.481		25 15 54.18		+ 5′
86. 2. 8	5	22.452		53.79		
1864	7.8	3.6904	+0.0209	+11.326	−0.449	29°632
81. 1.31	3	3 42 27.295		29 15 40.03		Z.C. δ 40″1
84. 1.18	3	27.124		40.12		
1865	8.9	3.6023	+0.0186	+11.324	−0.438	25°623
77.12.17	2	3 42 29.248		25 39 39.78		Z.C. δ 39″9
83. 2. 3	3	29.175		40.07		
1866	9.2	3.5873	+0.0182	+11.301	−0.437	24°576
81. 1.31	2	3 42 47.910		24 59 53.65		† Z.C. δ 53″7
1867	6.3	3.5920	+0.0183	+11.301	−0.438	25°624
80. 1.26	3	3 42 48.191		25 12 1.26		Z.C. δ 0″7
84. 1.21	5	48.306		0.05		
1868	8.5	3.6934	+0.0209	+11.300	−0.450	29°633
79. 1.22	2	3 42 49.496		29 21 44.04		*
93. 1.20	5	49.143		41.86		+ 1 int.
93. 2. 6	7	49.065		43.83		
1869	$9^{m}0$	$3^{s}6283$	$+0^{s}0192$	+11″272	−0″442	26°624
83. 2. 5	3	$3^{h}43^{m}12^{s}446$		26° 41′ 45″06		
93. 2.10	5	12.463		43.51		
1870	8.1	3.6923	+0.0209	+11.268	−0.450	29°635
83. 2. 9	2	3 43 15.692		29 16 35.73		− 3^{s}
85. 2. 5	7	15.683		34.06		
85. 2. 7	7	15.626		35.75		
1871	9.2	3.5892	+0.0181	+11.241	−0.438	24°580
77.12.17	2	3 43 37.508		25 1 42.47		Z.C. δ 42″7
78. 2. 8	3	37.550		42.95		
1872	9.3	3.6418	+0.0195	+11.239	−0.444	27°575
83. 2. 3	3	3 43 39.683		27 13 10.16		Z.C. δ 9″6
94. 1.30	7	39.453		9.08		
1873	9.4	3.6387	+0.0194	+11.234	−0.444	27°576
83. 1.18	3	3 43 43.279		27 5 27.24		
88. 2. 3	7	43.250		27.31		
1874	8.3	3.6118	+0.0187	+11.230	−0.442	25°627
77. 1.22	3	3 43 47.037		25 58 27.43		Z.C. δ 27″2
80. 1.26	3	46.890		26.97		
1875	9.2	3.5949	+0.0182	+11.225	−0.440	25°628
88. 2. 1	7	3 43 51.182		25 15 20.15		
94. 1.18	4	51.111		21.75		
94. 1.26	7	50.879		20.11		
1876	9.4	3.6389	+0.0194	+11.222	−0.444	27°577
83. 1.18	2	3 43 53.207		27 5 1.57		
93. 1.20	3	53.141		0.05		
1877	7.7	3.5839	+0.0180	+11.219	−0.438	24°583
86. 1.28	5	3 43 56.006		24 47 0.16		
86. 2. 1	5	56.121		0.20		
1878	8.3	3.6007	+0.0184	+11.196	−0.440	25°630
77. 1.22	2	3 44 14.971		25 28 33.36		Z.C. δ 34″2
83. 2. 5	3	14.652		35.34		
83. 2. 9	3	14.783		33.90		
1879	9.3	3.6071	+0.0185	+11.193	−0.441	25°629
86. 1.30	5	3 44 17.714		25 44 16.83		†
1880	9.4	3.6396	+0.0194	+11.192	−0.445	27°580
76. 1.31	3	3 44 18.554		27 5 5.30		
94. 1.11	7	18.424		5.05		
1881	8.8	3.6532	+0.0197	+11.188	−0.447	27°582
83. 2. 3	1	3 44 21.856		27 38 10.08		Z.C. δ 10″3
84. 1.18	3	22.081		10.23		
86. 2. 8	5	21.741		10.57		
1882	9.0	3.6524	+0.0197	+11.185	−0.447	27°583
76. 1.22	3	3 44 23.822		27 35 56.82		
92. 2.12	7	23.676		57.63		
93. 1.18	5	23.716		56.70		
1883	8.0	3.6044	+0.0184	+11.184	−0.441	25°631
80. 2. 4	3	3 44 25.433		25 37 17.80		
84. 1.21	5	25.283		17.91		

1884	8^m3	3^s6935	$+0^s0207$	+11".183	−0".452	29°636
74. 2. 4	3	$3^h44^m25^s909$	29° 14' 19".74			
77. 1.24	3	26.107	18.14			
77. 1.26	3	25.991	19.19			
78. 1.25	3	26.137	18.12			
79. 1.22	3	26.074	18.63			
1885	8.1	3.5890	+0.0180	+11.177	−0.439	24°586
86. 1.27	7	3 44 31.064	24 57 46.74			
93. 1.19	3	30.909	44.68			
1886	9.4	3.6349	+0.0192	+11.175	−0.445	26°630
93. 2. 8	7	3 44 32.753	26 52 34.69			
95. 9.26	7	32.491	35.63			
95.11.14	7	32.386	33.36			
95.12.10	7	32.253	33.65			
1887	8.1	3.6103	+0.0186	+11.168	−0.442	25°632
80. 1.30	3	3 44 38.013	25 51 12.97			Z.C. δ 13".0
89. 2. 8	7	37.964	13.07			
90. 2. 5	7	37.835	12.90			
1888	9.1	3.6104	+0.0186	+11.166	−0.442	25°633
93. 1.27	3	3 44 40.225	25 51 17.78			
94. 2. 8	7	40.022	23.34			
1889	9.4	3.6428	+0.0194	+11.162	−0.445	27°584
91. 1.30	7	3 44 43.555	27 11 20.41			
91. 2. 4	7	43.531	19.54			
1890	8.6	3.6570	+0.0198	+11.155	−0.448	27°585
80. 1.31	3	3 44 48.796	27 45 22.04			
80. 2. 4	3	48.969	20.94			
1890^a	9.3	3.6918	+0.0206	+11.150	−0.452	29°639
95. 9.27	7	3 44 52.638	29 8 25.85			
95.11.18	7	52.698	27.87			
96. 1.22	7	52.700	26.70			
1891	8.5	3.6233	+0.0188	+11.137	−0.444	26°632
78. 2. 7	3	3 45 3.830	26 21 49.24			Z.C. δ 49".6
80. 1.29	3	3.926	49.95			
1892	9.2	3.5972	+0.0181	+11.127	−0.441	25°635
80. 1.30	3	3 45 12.317	25 15 57.58			
83. 2. 5	3	12.369	57.27			
1893	8.6	3.6429	+0.0193	+11.117	−0.446	27°586
76. 1.31	3	3 45 20.614	27 8 52.67			
92. 2.13	7	20.433	50.45			
93. 1.19	4	20.448	51.60			
1894	8.0	3.6225	+0.0187	+11.112	−0.444	26°633
74. 1.21	1	3 45 24.255	26 18 23.34			
76. 1.29	3	24.175	23.36			
78. 2. 7	3	24.115	23.87			
1895	9.4	3.7102	+0.0210	+11.107	−0.455	29°640
74. 2. 4	3	3 45 28.262	29 48 56.48			
77. 1.24	3	28.454	55.81			
77. 1.26	3	28.238	54.84			
78. 1.25	3	28.504	54.69			
79. 1.22	3	28.482	54.70			

1896	9^m0	3^s5918	$+0^s0180$	+11".103	−0".441	24°590
77.12.17	3	$3^h45^m31^s531$	25° 0' 55".29			
86. 2. 6	6	31.701	52.90			
1897	9.2	3.6325	+0.0190	+11.097	−0.446	26°634
74. 1.21	3	3 45 36.425	26 42 29.77			†
1898	8.6	3.5953	+0.0180	+11.097	−0.441	25°637
85. 2. 5	5	3 45 36.780	25 9 35.67			
85. 2. 7	5	36.690	37.28			
1899	8.5	3.6559	+0.0196	+11.092	−0.449	27°587
76. 1.22	3	3 45 40.895	27 39 27.02			
86. 2. 1	5	41.058	25.57			
1900	9.2	3.5982	+0.0181	+11.078	−0.443	25°638
80. 1.29	3	3 45 52.055	25 16 5.07			
80. 1.30	2	52.132	4.57			
1901	8.3	3.6055	+0.0182	+11.071	−0.443	25°639
83. 2. 3	3	3 45 58.018	25 33 42.25			Z.C. δ 41".8
83. 2. 9	3	57.930	41.43			
1902	7.8	3.6593	+0.0197	+11.071	−0.449	27°589
86. 1.28	7	3 45 58.053	27 46 25.70			
86. 2. 8	5	58.079	25.48			
1903	8.5	3.6005	+0.0181	+11.068	−0.443	25°640
77.12.17	2	3 46 0.613	25 21 21.58			Z.C. δ 21".3
80. 1.26	3	0.697	20.13			
80. 2. 4	2	0.717	22.17			
1904	6.9	3.5995	+0.0181	+11.065	−0.443	25°641
78. 1.23	3	3 46 3.012	25 18 34.35			Z.C. δ 34".5
80. 1.31	2	2.993	35.40			
83. 1.26	3	2.905	34.42			
84. 1.21	7	2.887	33.83			
1905	9.4	3.5882	+0.0178	+11.060	−0.441	24°592
86. 1.30	5	3 46 6.807	24 49 34.55			
90. 1.27	7	7.029	34.12			
1906	7.4	3.6290	+0.0189	+11.050	−0.446	26°636
76. 1.29	3	3 46 15.302	26 31 19.44			
82. 1.23	3	15.311	19.23			
82. 2. 1	3	15.310	18.28			
1907	9.5	3.6654	+0.0198	+11.041	−0.451	27°592
83. 2. 5	3	3 46 22.064	27 59 31.59			Z.C. δ 30".4
84. 1.18	1	22.506	29.24			
1908	9.5	3.6886	+0.0203	+11.039	−0.454	28°598
93.12.22	7	3 46 23.479	28 54 24.15			
94.12.19	7	23.557	21.44			
95. 1.18	7	23.637	24.64			
1909	9.5	3.6973	+0.0205	+11.007	−0.455	29°642
74. 2. 4	3	3 46 50.896	29 13 6.06			†
1910	8.6	3.6014	+0 0181	+10.985	−0 444	25°642
77. 1.22	3	3 47 9.119	25 18 51.79			
78. 1.23	3	9.130	51.84			
80. 1.26	3	9.186	51.56			
80. 1.30	3	9.212	51.86			$+1^m$
83. 1.26	3	9.151	52.33			

1911	$8^{m}.2$	$3^{s}.6628$	$+0^{s}.0196$	$+10''.971$	$-0''.452$	27°597
74. 2.11	3	$3^{h}47^{m}20^{s}.595$		27° 49′ 8″.80		
76. 1.22	3	20.351		8.38		
76. 1.31	3	20.539		6.91		
80. 2. 4	2	20.458		7.41		
86. 1.27	7	20.443		7.51		
1912	8.5	3.6353	+0.0188	+10.958	−0.449	26°640
74. 1.21	3	3 47 31.015		26 41 38.20		Z.C. δ 38″.6
78. 2. 7	3	31.119		38.84		
80. 1.29	3	31.305		38.84		
1913	9.2	3.6757	+0.0198	+10.954	−0.454	28°600
85. 2. 7	7	3 47 34.245		28 19 9.66		
86. 2. 1	5	34.172		9.60		
1914	9.5	3.6739	+0.0198	+10.947	−0.453	28°601
85. 2. 5	7	3 47 40.001		28 14 31.65		†
1915	9.5	3.6658	+0.0195	+10.925	−0.453	27°599
78. 2. 1	1	3 47 57.761		27 53 43.83		Z.C. δ 43″.2
80. 1.31	3	57.797		43.24		
82. 1.23	3	57.925		41.51		
83. 1.18	3	58.116		43.75		
83. 2. 3	3	57.852		43.50		
1916	8.6	3.6639	+0.0195	+10.911	−0.452	27°600
74. 2.11	3	3 48 9.109		27 48 26.62		
80. 2. 4	1	9.131		25.32		
82. 2. 1	3	9.140		23.98		
83. 2. 9	3	9.008		26.14		
1917	9.1	3.6254	+0.0185	+10.905	−0.448	26°642
74. 1.21	3	3 48 14.130		26 14 38.62		
76. 1.29	3	14.220		38.13		
83. 2. 5	2	14.315		39.99		
1918	9.5	3.6663	+0.0195	+10.897	−0.454	— —
93. 1.20	6	3 48 20.399		27 53 35.72		−10ˢ
94. 1.30	7	20.328		37.05		
1919	9.3	3.6855	+0.0199	+10.877	−0.456	28°603
72.12.28	3	3 48 37.005		28 37 56.22		
74. 1.24	3	36.930		55.85		
76. 2. 2	3	36.974		56.03		
1920	9.4	3.6056	+0.0180	+10.872	−0.447	25°644
77.12.17	3	3 48 40.733		25 23 39.80		Z.C. δ 41″.5
78. 2. 8	3	40.712		43.54		
80. 1.30	3	40.860		41.26		
81. 1.31	3	41.058		41.32		
1921	9.3	3.6557	+0.0192	+10.871	−0.453	27°602
91. 1.30	6	3 48 41.514		27 26 34.35		
92. 2.12	7	41.492		35.62		
1922	9.0	3.6455	+0.0189	+10.869	−0.452	26°643
82. 2. 1	3	3 48 43.355		27 1 45.24		
83. 2. 9	3	43.483		48.07		
86. 2. 8	7	43.369		47.15		
1923	8.8	3.6298	+0.0185	+10.854	−0.450	26°645
74. 1.21	1	3 48 55.511		26 22 39.61		
80. 1.26	3	55 609		38.79		
80. 1.29	3	55.524		39.48		
1924	$9^{m}.4$	$3^{s}.6672$	$+0^{s}.0194$	$+10''.846$	$-0''.455$	27°604
93. 1.18	3	$3^{h}49^{m}$ $2^{s}.105$		27° 52′ 51″.69		·v. ft.
93. 2.10	5	2.058		55.33		
1925	9.1	3.6437	+0.0189	+10.844	−0.452	26°646
86. 1.28	7	3 49 3.779		26 55 59.46		
86. 1.30	5	3.713		60.01		
86. 2. 1	5	3.853		59.32		
1926	9.1	3.7000	+0.0202	+10.839	−0.459	29°647
74. 2. 4	3	3 49 8.153		29 9 59.22		
77. 1.24	3	8.174		58.06		
77. 1.24	2	8.174		58.79		
77. 1.26	3	8.148		59.49		
1927	Not found on revision 99.1.24: not found on Oxford photograph 93.12.22: 5′ wrong: see 1927^{a}					
1927^{a}	9.1	3.6271	+0.0184	+10.831	−0.450	— —
83. 1.23	2	3 49 14.670		26 14 59.34		+5′
1928	9.2	3.6553	+0.0191	+10.823	−0.453	27°605
74. 2.11	3	3 49 21.209		27 23 10.66		
82. 1.23	3	21.461		9.32		
82. 2. 3	3	21.440		8.65		
1929	8.4	3.6247	+0.0183	+10.820	−0.450	26°648
76. 1.29	3	3 49 23.313		26 8 32.43		−10′
78. 2. 7	3	23.337		33.54		
83. 1.18	3	23.454		32.80		
83. 2. 5	3	23.374		32.67		
1930	8.0	3.5956	+0.0176	+10.798	−0.447	24°598
77. 1.22	3	3 49 41.290		24 55 2.64		
77.12.17	3	41.022		3.37		
78. 1.23	3	41.158		1.69		
78. 2. 8	3	41.007		3.15		
1931	9.0	3.7134	+0.0205	+10.797	−0.461	29°649
74 2. 4	3	3 49 42.465		29 38 32.26		Z.C. δ 32″.9
77. 1.25	3	42.499		34.28		
78. 1.25	3	42.484		32.16		
1932	9.0	3.6320	+0.0184	+10.779	−0.451	26°650
80. 1.31	3	3 49 57.031		26 24 21.14		Z.C. δ 21″.3
81. 1.31	3	57.049		19.96		
83. 2. 3	1	56.963		22.92		
1933	9.2	3.6651	+0.0192	+10.776	−0.455	27°606
76. 1.22	3	3 49 59.537		27 44 4.97		
78. 2. 1	3	59.520		4.73		
80. 1.26	3	59.529		2.82		
82. 2. 3	3	59.300		3.98		
1934	9.2	3.6623	+0.0191	+10.731	−0.455	27°609
74. 2.11	3	3 50 36.198		27 35 5.74		d.m.
76. 1.22	3	36.174		1.03		d.s.p.
78. 2. 1	2	36.190		1.23		c.d.s.p.
88. 2. 1	7	36.343		5.14		d.m.
89. 1.21	4	36.265		5.65		d.m.−1′
89. 1.23	7	36.333		5.03		d.m.
89. 2. 1	2	36.213		4.21		d.m.
89. 2. 7	7	36.412		4.10		d.m.

1935	9^m.0	3^s.6326	+0^s.0184	+10″.721	−0″.452	26°654
74. 1.21	3	3^{h}50^{m}44^s.062		26° 22′ 43″.37		Z.C. δ 43″.2
75. 2. 1	3	44.036		43.36		
76. 1 29	3	44.041		42.57		
78. 2. 7	3	44.060		43.60		
1936	9.5	3.7024	+0.0200	+10.715	−0.461	29°653
74. 2. 4	3	3 50 48.044		29 8 33.63		
78. 1.25	3	48.653		33.08		
79. 1.22	3	48.456		33.50		B + 10″
1937	9.2	3.6124	+0.0178	+10.676	−0.450	25°649
77. 1.22	3	3 51 20.488		25 30 50.38		Z.C. δ 50″.7
77. 12.17	2	20.118		50.70		
78. 1.23	3	20.189		51.00		
1938	9.1	3.6117	+0.0178	+10.675	−0.450	25°650
77. 1 22	2	3 51 21.349		25 28 59.61		Z.C. δ 59″.9
77. 12.17	1	21.181		60.39		
78. 1.23	2	21.142		59.80		
78 2. 8	3	21.001		59.92		
1939	6.9	3.6451	+0.0186	+10.666	−0.454	26°655
74. 1.21	2	3 51 28.521		26 50 13.66		
75. 2. 1	3	28.427		15.10		
76. 1.29	3	28.542		13.74		
78. 2. 7	3	28.449		14.71		
1940	9.5	3.6218	+0.0179	+10.651	−0.452	25°652
82. 2. 1	3	3 51 40.547		25 52 46.42		
93. 1.20	7	40.276		45.97		
1941	8.5	3.5971	+0.0174	+10.648	−0.449	24°602
86. 1.27	7	3 51 43.201		24 51 22.21		Z.C. δ 22″.4
86. 1.28	7	43.118		22.22		
86. 1.30	7	43.201		22.84		
1942	9.0	3.6866	+0.0195	+10.623	−0.460	28°606
72. 12.28	3	3 52 3.444		28 26 49.27		
74. 1.24	3	3.667		48.45		
76. 2. 2	2	3.600		49.03		
1943	9.0	3.7290	+0.0205	+10.615	−0.465	30°603
74. 2. 4	3	3 52 9.595		30 4 19.23		Z.C. δ 18″.5
77. 1.24	3	9.780		17.49		
77. 1.25	3	9.782		18.76		
1944	7.8	3.7106	+0.0200	+10.598	−0.464	29°659
77. 1.26	3	3 52 23.376		29 21 11.44		Z.C. δ 11″.1
78. 1.25	3	23.494		10.40		
79. 1.22	3	23.505		11.47		
1945	8.7	3.7072	+0.0199	+10.598	−0.463	29°660
77. 1.24	3	3 52 23.982		29 13 33.63		
77. 1.25	2	23.981		34.47		
80. 1.26	3	23.909		32.74		
80. 1.29	3	23.976		33.81		
82. 1.24	3	23.939		33.64		
82. 2. 3	3	23.669		33.21		
83. 1.23	3	23.887		33.03		
1946	8.2	3.6556	+0.0187	+10.594	−0.457	27°611
74. 2.11	3	3 52 26.786		27 11 51.91		
76. 1.22	3	26.629		50.81		− 1 int.
76. 1.31	3	26.801		50.28		
78. 2. 1	3	26.689		50.68		

1947	9^m.4	3^s.6377	+0^s.0182	+10″.561	−0″.455	26°660
79. 2. 6	2	3^{h}52^{m}52^s.587		26° 26′ 62″.43		
92. 2.11	7	52.876		59.97		
92. 2.12	7	52.781		61.30		v. ft.
1948	9.4	3.7252	+0.0203	+10.533	−0.467	29°661
74. 2. 4	2	3 53 16.016		29 51 12 91		− 1 int.
77. 1.26	2	16.242		11.45		
78. 1.25	3	16.336		12.70		
1949	9.5	3.6804	+0.0191	+10.513	−0.461	28°608
72. 12.28	3	3 53 31.835		28 6 30.40		
74. 1.24	3	32.020		28.54		
76. 2. 2	3	31.950		30.33		
86. 2. 1	5	32.265		29.00		
1950	9.4	3.6155	+0.0176	+10.506	−0.454	25°660
77. 1.22	3	3 53 37.761		25 30 11.98		Z.C. δ 13″.4
77. 12.17	2	37.592		13.81		
78. 1.23	3	37.536		13.30		
78. 2. 8	3	37.415		14.32		
1951	9.4	3.6630	+0.0187	+10.501	−0.460	27°615
78. 2. 7	3	3 53 42 057		27 24 37.55		† Z.C. δ 37″.6
1952	7.3	3.6818	+0.0191	+10.498	−0.462	28°609
72. 12.28	2	3 53 43.926		28 8 54.40		
74. 1.24	3	44.010		53.31		
76. 2. 2	3	43.969		54.67		
1953	9.4	3.6389	+0.0181	+10.497	−0.457	26°663
74. 1.21	3	3 53 44.948		26 26 49.09		
76. 1.29	3	45.083		49.78		
1954	8.5	3.6593	+0.0185	+10.495	−0.459	27°616
74. 2.11	3	3 53 46.393		27 15 38.61		
76. 1.22	3	46.225		37.90		
76. 1.31	3	46.380		37.36		
78. 2. 1	3	46.268		39.09		
1955	9.1	3.7276	+0.0202	+10.485	−0.468	29°662
74. 2. 4	3	3 53 54.541		29 54 4.56		Z.C. δ 2″.9
77. 1.24	3	54.737		2.46		
78. 1.25	3	54.830		1.54		
1956	8.9	3.6300	+0.0178	+10.455	−0.456	26°665
74. 1.21	3	3 54 18.466		26 3 21.06		
75. 2. 1	3	18.603		21.33		v. ft. hazy
78. 2. 7	3	18.474		21.57		
1957	8.7	3.6182	+0.0176	+10.451	−0.455	25°662
77. 12.17	2	3 54 22.008		25 34 17.42		Z.C. δ 15″.8
78. 1.23	2	21.940		15.27		
78. 2. 8	3	21.847		14.07		
80. 1.26	3	21.893		15.45		
80. 1.29	3	21.755		17.04		s.f. of 2
80. 1.30	3	21.912		16.50		
80. 1.31	3	21.920		16.88		
80. 2. 4	3	21.920		15.45		
80. 2. 4	2	22.049		15.82		w. 6 − 12^s
81. 1.31	3	21.996		15.40		
82. 1.23	3	21.877		15.04		
82. 2. 1	3	21.761		15.13		s.f. of 2
82. 2. 2	3	21.839		15.09		
82. 2. 3	3	21.800		15.80		s. of 2
83. 1.23	3	21.825		17.22		

1958	$7^{m}.7$	$3^{s}.6735$	$+0^{s}.0188$	+10″.436	−0″.462	27°618
74. 2.11	3	$3^{h}\,54^{m}\,34^{s}.367$		27° 46′ 27″.85		d. l.
76. 1.22	3	34.213		27.93		
78. 2. 1	3	34.336		27.06		d. s. f. l.
1959	9.1	3.6496	+0.0183	+10.431	−0.459	26°666
76. 1.29	2	3 54 37.766		26 49 31.17		
79. 2. 6	3	37.811		30.26		
85. 2. 5	5	37.840		30.99		
1960	8.6	3.6186	+0.0175	+10.423	−0.456	25°663
77. 1.22	3	3 54 44.307		25 33 59.95		Z.C. δ 0″.8
78. 1.23	2	44.239		61.09		
81. 1.31	3	44.253		61.25		
1961	9.4	3.7382	+0.0203	+10.397	−0.471	30°610
74. 2. 4	3	3 55 5.203		30 13 23.36		
77. 1.25	3	5.489		22.76		
77. 1.25	2	5.349		23.27		
79. 1.22	3	5.429		23.29		
1962	8.1	3.6194	+0.0175	+10.394	−0.456	25°664
78. 2. 8	3	3 55 7.964		25 34 17.87		Z.C. Ep. 80.9
80. 1.26	3	8.098		16.71		
80. 1.29	3	7.967		17.16		
82. 1.23	2	8.107		15.58		
82. 2. 1	3	7.849		15.76		
82. 2. 2	3	8.166		16.03		
82. 2. 3	3	8.058		16.34		
1963	8.4	3.6831	+0.0190	+10.383	−0.464	28°610
72.12.28	3	3 55 16.882		28 6 20.53		
74. 1.24	3	17.092		19.25		
76. 2. 2	3	16.930		20.48		
1964	9.1	3.6634	+0.0185	+10.378	−0.461	27°621
74. 2.11	3	3 55 20.695		27 19 50.34		Z.C. α $20^{s}.69$
86. 1.28	5	20.544		49.02		
89. 2. 8	5	20.932		48.99		
90. 2. 5	7	20.594		48.79		
1965	8.4	3.6062	+0.0171	+10.342	−0.455	24°613
80. 1.30	3	3 55 49.351		24 59 41.59		Z.C. δ 41″.8
80. 1.31	3	49.286		42.06		
80. 2.13	3	49.266		42.31		
82. 1.24	3	49.489		41.30		
1966	7.8	3.6896	+0.0190	+10.333	−0.466	28°613
74. 1.24	3	3 55 56.364		28 18 48.21		
95. 9.26	5	56.371		49.01		
95. 9.27	5	56.245		48.27		
95.11.14	7	56.207		47.07		
1967	8.1	3.7037	+0.0193	+10.324	−0.468	28°614
76. 2. 2	3	3 56 4.072		28 51 13.80		
93. 1.18	6	4.318		11.37		
1968	9.3	3.6833	+0.0188	+10.318	−0.465	27°622
93. 1.20	6	3 56 8.482		28 3 22.47		$-10^{s}+1$ int.
93. 2.10	7	8.607		22.02		
93.12.22	7	8.497		22.32		
94. 1.11	7	8.426		21.77		
1969	var	$3^{s}.6763$	$+0^{s}.0187$	+10″.312	−0″.467	27°623
74. 2.11	3	$3^{h}\,56^{m}\,13^{s}.574$		27° 46′ 43″.50		
76. 1.22	2	13.035		43.80		
78. 2. 1	3	13.297		43.01		
1970	$9^{m}.4$	3.6186	+0.0173	+10.309	−0.457	25°665
78. 1.23	2	3 56 15.813		25 28 23.20		Z.C. δ 23″.4
78. 2. 8	3	15.700		24.52		
80. 1.29	3	15.957		23.44		
82. 1.23	2	15.876		22.63		
1971	8.3	3.6658	+0.0184	+10.306	−0.462	27°624
85. 2. 5	5	3 56 18.217		27 21 41.50		
85. 2. 7	5	18.128		41.98		
1972	8.8	3.6355	+0.0177	+10.302	−0.459	26°669
74. 1.21	3	3 56 21.088		26 9 11.98		
75. 2. 1	3	20.949		10.73		v. ft.
76. 1.29	3	20.873		12.85		
1973	9.0	3.7193	+0.0196	+10.285	−0.471	29°665
74. 2. 4	3	3 56 34.579		29 24 47.80		Z.C. δ 46″.9
77. 1.24	3	34.814		46.13		
77. 1.24	2	34.434		45.58		
77. 1.25	3	34.786		47.11		
77. 1.26	3	34.648		46.97		
77. 1.26	2	34.498		47.35		
78. 1.25	3	34.757		47.11		-1^{s}
79. 1.22	3	34.781		47.13		
1974	8.7	3.6089	+0.0170	+10.279	−0.456	25°667
77. 1.22	3	3 56 39.865		25 3 14.05		Z.C. δ 13″.5
77.12.17	3	39.575		14.39		
80. 1.26	3	39.659		13.62		
80. 2. 4	3	39.617		11.87		
80. 2. 4	2	39.647		13.45		
81. 1.31	3	39.820		13.77		
82. 1.24	3	39.704		13.96		
82. 2. 1	3	39.776		13.30		
82. 2. 2	3	39.783		13.16		
82. 2. 3	3	39.585		13.51		
1975	9.5	3.6412	+0.0177	+10.271	−0.460	26°673
74. 1.21	3	3 56 46.192		26 21 23.51		
76. 1.29	2	46.061		25.03		
78. 2. 7	3	46.254		27.30		ex. ft.
1976	9.0	3.6077	+0.0170	+10.244	−0.457	24°616
93. 1.19	7	3 57 7.775		24 58 44.45		
93. 2. 6	2	7.920		44.67		
1977	8.0	3.6293	+0.0174	+10.239	−0.460	25°670
77. 1.22	1	3 57 11.801		25 51 18.15		Z.C. δ 17″.2
77.12.17	1	11.476		18.08		
91. 2. 4	7	11.713		17.36		
1978	8.4	3.6109	+0 0170	+10.225	−0.458	25°671
93. 1.27	4	3 57 22.691		25 5 38.86		
93. 2. 6	3	22.818		40.01		
1979	8.1	3.6653	+0.0182	+10.212	−0.464	27°628
74. 2.11	3	3 57 32.801		27 15 58.73		
76. 1.22	3	32.766		58.31		
78. 2. 1	3	32.630		58.74		

1980	$8^{m}.3$	$3^{s}.6726$	$+0^{s}.0183$	+10″.193	−0″.466	27°629
74. 2.11	1	$3^{h}57^{m}48^{s}.478$		27° 32′ 15″.31		
92. 2.11	7	48.346		14.47		
92. 2.13	7	48.305		13.66		
93. 2.16	4	48.403		13.22		
1981	8.8	3.6860	+0.0186	+10.182	−0.467	27°630
93. 1.20	6	3 57 57.090		28 3 7.54		
93. 2.16	2	57.140		6.33		
1982	8.3	3.6278	+0.0173	+10.176	−0.460	25°673
78. 1.23	3	3 58 1.519		25 44 42.99		Z.C. δ 42″.7
93. 1.18	4	1.505		42.43		
1983	9.0	3.6072	+0.0169	+10.175	−0.458	24°617
85. 2. 5	5	3 58 2.194		24 54 34.67		
85. 2. 7	5	2.287		35.58		
1984	9.4	3.6755	+0.0184	+10.173	−0.466	— —
80. 1.31	3	3 58 3.976		27 38 9.79		†
1985	9.5	3.6906	+0.0187	+10.150	−0.469	28°616
72.12.28	3	3 58 22.594		28 12 18.47		
74. 1.24	3	22.489		17.68		
76. 2. 2	3	22.600		17.32		v. ft.
1986	9.0	3.6210	+0.0171	+10.147	−0.460	25°674
80. 1.29	3	3 58 24.650		25 26 48.16		
93. 2. 4	7	24.751		48.32		
1987	8.6	3.6399	+0.0175	+10.146	−0.462	26°675
74. 1.21	3	3 58 25.780		26 12 33.42		
75. 2. 1	3	25.906		34.62		
76. 1.29	3	25.797		32.91		
78. 2. 7	3	25.803		35.28		
79. 2. 6	3	25.765		34.16		
1988	7.5	3.6316	+0.0173	+10.141	−0.461	25°675
78. 2. 8	3	3 58 29.677		25 52 15.09		
91. 2. 2	7	29.905		14.36		
91. 2. 4	2	29.719		13.28		
1989	9.0	3.6875	+0.0185	+10.127	−0.469	28°617
74. 1.24	3	3 58 41.014		28 3 56.23		
76. 2. 2	3	40.887		56.04		
1990	9.0	3.6652	+0.0180	+10.110	−0.466	27°632
93. 1.20	2	3 58 54.232		27 11 1.61		
93. 1.27	7	54.010		0.90		
1991	5.1	3.6672	+0.0180	+10.107	−0.466	27°633
76. 1.31	3	3 58 56.395		27 15 37.64		Z.C. δ 38″.5
78. 2. 1	3	56.547		39.37		
1992	9.0	3.7017	+0.0189	+10.102	−0.471	28°618
72.12.28	3	3 59 0.935		28 35 30.01		
74. 1.24	1	1.286		27.66		*
1993	7.5	3.7373	+0.0197	+10.099	−0.475	29°672
74. 2. 4	3	3 59 3.373		29 56 2.83		Z.C. δ 1″.4
76. 2.10	3	3.649		1.37		
77. 1.24	3	3.470		1.00		
77. 1.24	2	3.560		0.61		
78. 1.25	3	3.393		0.89		
79. 1.22	3	3.623		1.43		
79. 1.22	3	3.503		1.75		
1994	$8^{m}.5$	$3^{s}.6654$	$+0^{s}.0180$	+10″.098	−0″.466	27°634
93. 2. 6	2	$3^{h}59^{m}\ 4^{s}.168$		27° 10′ 53″.10		
93. 2.10	7	4.128		54.11		
1995	8.2	3.6204	+0.0170	+10.093	−0.460	25°677
77. 1.22	3	3 59 7.757		25 22 53.66		Z.C. δ 53″.5
77.12.17	3	7.689		53.16		
78. 1.23	3	7.798		53.15		
78. 2. 8	2	7.703		54.21		
1995^{a}	5.4	3.7041	+0.0189	+10.082	−0.471	28°619
95. 9.26	6	3 59 16.907		28 39 40.66		
95. 9.27	7	16.775		40.97		
95.11.14	7	16.809		40.19		
1996	8.6	3.6658	+0.0180	+10.063	−0.467	27°635
74. 2.11	3	3 59 31.258		27 10 21.67		Z.C. δ 21″.6
76. 1.22	3	31.038		21.95		
78. 2. 1	2	31.305		21.20		
1997	8.9	3.6547	+0.0176	+ 9.982	−0.467	26°682
74. 1.21	3	4 0 35.773		26 40 20.44		Z.C. δ 20″.9
75. 2. 1	3	35.837		20.81		
76. 1.29	3	35.707		21.06		
78. 2. 7	3	35.772		21.37		
79. 2. 6	3	35.678		20.95		
1998	9.5	3.6793	+0.0181	+ 9.951	−0.470	27°638
78. 2. 1	1	4 1 0.343		27 36 32.86		ex. ft.
81. 1.31	3	0.058		33.08		Z.C. δ 33″.2
82. 1.24	2	0.365		33.57		v. ft.
1999	7.5	3.6270	+0.0169	+ 9.946	−0.464	25°678
75. 1.25	3	4 1 4.573		25 32 34.87		Z.C. δ 33″.6
77. 1.22	3	4.518		32.56		
77.12.17	3	4.289		33.56		
78. 1.23	3	4.462		33.47		
78. 2. 8	3	4.536		33.81		
80. 1.29	3	4.533		33.58		
2000	8.5	3.7120	+0.0188	+ 9.941	−0.474	28°624
72.12.28	3	4 1 8.055		28 51 25.85		
74. 1.24	2	8.274		24.97		
80. 1.30	3	8.260		25.98		
80. 2. 4	3	8.242		23.54		
80. 2. 4	2	8.362		24.29		
80. 2.13	3	8.321		26.09		$+1^{m}$
82. 1.23	3	8.167		24.34		
82. 2. 1	3	8.319		24.73		
82. 2. 1	2	8.199		25.57		
82. 2. 3	3	8.201		25.05		
82. 2.10	3	8.314		25.19		
2001	8.8	3.6982	+0.0185	+ 9.920	−0.473	28°627
72.12.28	3	4 1 24.707		28 18 39.29		Z.C. δ 39″.5
76. 2. 2	3	24.790		39.64		
80. 1.30	3	24.792		38.95		
80. 1.31	3	24.706		39.42		
80. 1.31	2	24.689		40.45		
81. 1.31	3	24.779		39.66		
82. 1.24	2	24.826		38.76		
82. 2. 3	3	24.618		40.07		+ 5′
2002	8.5	3.7516	+0.0196	+ 9.916	−0.480	30°624
86. 1.28	7	4 1 27.499		30 18 32.68		
86. 2. 8	7	27.448		33.26		
88. 2. 1	7	27.575		33.55		

2003	**$8^{\rm m}5$**	**$3^{\rm s}6588$**	**$+0^{\rm s}0175$**	**$+\ 9''914$**	**$-0''468$**	**26°684**
74. 1.21	3	$4^{\rm h}\ 1^{\rm m}29^{\rm s}051$		26° 46′ 47″14		
75. 2. 1	3	29.285		47.01		
76. 1.29	3	29.086		46.73		
78. 2 7	3	29.041		46.75		
79. 2. 6	3	28.982		48.15		
2004	**9.4**	**3.6672**	**+0.0176**	**+ 9.864**	**−0.469**	**27°642**
74. 2.11	1	4 2 8.709		27 4 18.93		
92. 2.12	7	8.663		14.53		
2005	**8.6**	**3.7534**	**+0.0195**	**+ 9.840**	**−0.481**	**30°626**
86. 1.30	7	4 2 27.698		30 19 2.85		
86. 2. 6	7	27.801		0.69		ft.
88. 2. 3	7	27.591		2.93		
2006	**9.3**	**3.6124**	**+0.0164**	**+ 9.829**	**−0.463**	**24°628**
86. 1.27	5	4 2 35.922		24 51 55.17		
87. 1.25	7	36.286		56.46		
87. 1.28	5	36.060		56.23		
87. 1.31	6	35.992		55.13		− 5′
2007	**8.8**	**3.6171**	**+0.0164**	**+ 9.796**	**−0.464**	**24°629**
75. 1.25	3	4 3 2.919		25 1 60.76		Z.C. δ 59″7
76. 1.25	3	2.625		58.89		
77. 1.22	3	2.618		58.95		
77.12.17	3	2.506		59.65		
78. 1.23	3	2.602		59.92		
78. 2. 8	3	2.574		60.77		
80. 1.29	3	2.560		58.92		
2008	**6.3**	**3.6453**	**+0.0171**	**+ 9.782**	**−0.468**	**26°686**
74. 1.21	3	4 3 13.235		26 9 9.81		Z.C. δ 9″7
75. 2. 1	3	13.399		9.30		
76. 1.29	3	13.193		9.81		
78. 2. 7	3	13.187		9.87		
2009	**8.7**	**3.6464**	**+0.0170**	**+ 9.753**	**−0.469**	**26°687**
74. 1.21	3	4 3 36.114		26 10 18.75		
75. 2. 1	3	36.183		18.51		
76. 1.29	3	36.085		18.51		
2010	**8.2**	**3.7337**	**+0.0188**	**+ 9.737**	**−0.480**	**29°676**
74. 2. 4	3	4 3 48.973		29 30 23.54		Z.C. δ 22″6
76. 2.10	3	48.920		22.87		
77. 1.24	3	48.863		22.06		
77. 1.25	3	48.795		21.88		
77. 1.25	3	48.745		22.80		
2011	**8.6**	**3.6581**	**+0.0172**	**+ 9.724**	**−0.471**	**26°689**
79. 2. 6	3	4 3 58.481		26 36 42.01		
86. 1.27	5	58.540		43.25		
86. 1.28	5	58.522		41.81		
2012	**8.5**	**3.6342**	**+0.0167**	**+ 9.705**	**−0.468**	**25°681**
75. 1.25	3	4 4 13.553		25 39 24.84		Z.C. δ 23″2
76. 1.25	3	13.409		21.54		
77. 1.22	3	13.583		22.09		
78. 1.23	3	13.341		22.93		
78. 2. 8	3	13.382		24.38		
2013	**9.4**	**3.7523**	**+0.0192**	**+ 9.705**	**−0.483**	**30°629**
74. 2. 4	3	4 4 13.602		30 10 2.27		Z.C. δ 3″6
78. 1.25	3	13.599		4.59		
79. 1.22	3	13.796		3.90		
2014	**$9^{\rm m}0$**	**$3^{\rm s}7505$**	**$+0^{\rm s}0191$**	**$+\ 9''694$**	**$-0''483$**	**30°630**
77. 1.24	3	$4^{\rm h}\ 4^{\rm m}22^{\rm s}280$		30° 5′ 27″10		Z.C. δ 26″8
80. 1.26	3	22.125		26.30		
80. 1.30	3	22.286		26.99		
80. 1.31	3	22.187		27.64		
81. 1.31	3	22.309		27.77		
82. 1.23	3	22.283		26.27		
82. 2. 3	3	22.278		26.26		
82. 2.10	3	22.470		26.20		v. ft.
93. 2. 4	7	22.292		27.13		§
93. 2. 6	7	22.294		26.20		§
2015	**9.0**	**3.6978**	**+0.0179**	**+ 9.675**	**−0.477**	**28°630**
72.12.28	3	4 4 37.584		28 6 33.44		
74. 1.24	3	37.566		33.14		
76. 2. 2	3	37.601		34.17		
2016	**8.5**	**3.6367**	**+0.0166**	**+ 9.655**	**−0.469**	**25°682**
75. 1.25	3	4 4 52.896		25 43 14.06		
77. 1.22	3	52.970		12.99		
77.12.17	3	52.763		14.61		
78. 1.23	3	52.734		14.89		
78. 2. 8	3	52.676		14.71		
2017	**9.1**	**3.6496**	**+0.0169**	**+ 9.647**	**−0.471**	**26°692**
74. 1.21	3	4 4 58.829		26 13 26.32		Z.C. δ 27″2
75. 2. 1	3	58.935		27.04		
76. 1.29	3	58.894		27.63		
78. 2. 7	3	58.680		28.09		
79. 2. 6	3	58.834		27.04		
2018	**8.8**	**3.7135**	**+0.0182**	**+ 9.630**	**−0.480**	**28°631**
74. 1.24	3	4 5 12.188		28 40 13.99		Z.C. δ 14″2
76. 2. 2	3	12.104		14.60		
80. 1.30	3	12.113		13.77		
80. 2. 4	3	12.155		13.28		
80. 2.13	3	12.167		14.34		
80. 2.13	2	12.147		14.36		
81. 1.31	3	12.163		14.67		
82. 1.23	3	12.316		14.06		
82. 1.24	3	12.345		14.48		
82. 2. 2	3	12.154		13.77		
83. 2. 1	3	12.469		14.55		
86. 1.30	7	12.211		14.47		
2019	**8.6**	**3.7176**	**+0.0182**	**+ 9.597**	**−0.480**	**28°632**
72.12.28	3	4 5 38.438		28 48 2.39		
74. 1.24	2	38.371		1.23		
76. 2. 2	2	38.582		1.53		
2020	**9.4**	**3.6746**	**+0.0173**	**+ 9.554**	**−0.475**	**27°648**
74. 2.11	3	4 6 11.168		27 8 5.19		
78. 2. 1	2	11 226		3.81		
88. 2. 1	7	11.462		2.15		
89. 2. 7	6	11.542		5.45		
2021	**9.3**	**3.6453**	**+0.0167**	**+ 9.544**	**−0.472**	**25°683**
76. 1.25	3	4 6 19.505		25 58 50.31		
92. 2.12	7	19.669		51.01		
2022	**8.4**	**3.6887**	**+0.0174**	**+ 9.506**	**−0.477**	**27°649**
74. 2.11	3	4 6 49.040		27 38 27.05		
76. 1.22	3	48.905		26.16		
76. 1.31	1	48.795		25.48		$-\ 1^{\rm m}$
78. 2. 1	3	49.031		26.02		

2023	$7^{m}.6$	$3^{s}.6451$	$+0^{s}.0166$	+ 9″.497	−0″.473	25°685
75. 1.25	3	$4^{h}\ 6^{m}\ 56^{s}.303$	25° 56′ 25″.32	Z.C. δ 23″.5		
76. 1.25	3	56.138	22.40			
77. 1.22	3	56.200	23.15			
78. 1 23	3	55.965	22.82			
78. 2. 8	3	55.864	23.76			
2024	9.1	3.6507	+0.0166	+ 9.480	−0.473	26°700
74. 1.21	3	4 7 9.387	26 9 9.14	Z.C. δ 9″.1		
75. 2. 1	3	9.271	8.24			
76. 1.29	3	9.390	9.77			
78. 2. 7	3	9.313	9.05			
79. 2. 6	3	9.195	9.31			
2025	7.0	3.7415	+0.0186	+ 9.466	−0.485	29°678
74. 2. 4	3	4 7 20.156	29 35 24.82			
76. 2.10	3	20.189	23.75			
77. 1.24	3	20.145	21.49			
77. 1.24	3	20.245	21.72			
77. 1.25	3	20.145	23.13			
77. 1.25	3	20.245	22.38			
2026	9.5	3.7596	+0.0190	+ 9.454	−0.487	— —
80. 1.31	3	4 7 29.629	30 14 21.01	†		
2027	9.5	3.7542	+0.0187	+ 9.414	−0.487	29°680
74. 2. 4	3	4 8 0.106	30 0 48.81	Z.C. δ 49″.5		
78. 1.25	3	0.344	48.71			
79. 1.22	2	0.284	51.09			
2028	9.4	3.6249	+0.0159	+ 9.409	−0.471	25°687
77.12.17	3	4 8 4.443	25 5 1.53	†		
2029	9.5	3.7541	+0.0187	+ 9.406	−0.487	— —
78. 1.25	3	4 8 6.685	30 0 13.04	† Z.C. δ 13″.0		
2030	7.3	3.7465	+0.0185	+ 9.399	−0.486	29°682
74. 2. 4	1	4 8 12.505	29 43 20.78			
76. 2.10	3	12.396	17.89			
79. 1.22	3	12.490	18.71			
80. 1.30	3	12.585	18.22			
80. 2.13	3	12.563	18.23			
80. 2.13	3	12.563	18.70			
88. 2. 3	7	12.435	18.06			
2031	9.0	3.7465	+0.0186	+ 9.381	−0.487	29°683
76. 2.10	2	4 8 26.158	29 42 36.35			
80. 1.26	3	26.075	35.75			
80. 2. 4	3	26.116	35.68			
82. 1.23	3	25.935	35.62			
82. 2. 2	3	26.090	35.76			
82. 2. 3	3	26.125	36.22			
82. 2.10	3	26.073	37.09			
2032	9.5	3.7258	+0.0180	+ 9.373	−0.485	28°635
74. 1.24	2	4 8 32.180	28 56 30.41	†		
2033	9.0	3.6286	+0.0160	+ 9.369	−0.472	25°688
75. 1.25	3	4 8 35.380	25 12 12.93	Z.C. δ 12″.3		
76. 1.25	3	35.252	10.73			
77. 1.22	3	35.453	13.35			
78. 1.23	3	35.267	11.98			
78. 2. 8	3	35.245	12.43			
80. 1.29	3	35.364	12.56			

2034	$8^{m}.1$	$3^{s}.6506$	$+0^{s}.0163$	+ 9″.332	−0″.475	25°690
78. 1.23	2	$4^{h}\ 9^{m}\ 3^{s}.953$	26° 2′ 39″.23			
78. 2. 8	3	3.981	39.97			
80. 1.29	3	4.183	39.58	− 1′		
2035	9.4	3.7626	+0.0187	+ 9.309	−0.490	30°642
74. 2. 4	1	4 9 21.786	30 14 30.82	Z.C. δ 31″.0		
78. 1.25	2	21.992	31.05			
79. 1.22	2	21.863	31.09			
2036	9.5	3.7623	+0.0186	+ 9.288	−0.490	30°643
74. 1.30	1	4 9 38.681	30 12 51.36	Z.C. δ 51″.7		
77. 1.25	3	38.788	51.97			
80. 1.31	3	38.506	52.05			
80. 2. 4	3	38.681	51.28			
82. 2. 2	3	38.640	51.54			
82. 2. 3	3	38.701	51.71			
82. 2.10	3	38.691	52.23			
2037	9.2	3.7292	+0.0178	+ 9.224	−0.487	28°636
72.12.28	3	4 10 27.593	28 57 29.89			
74. 1.24	3	27.580	27.71			
76. 2. 2	3	27.506	30.88			
2038	8.7	3.6984	+0.0171	+ 9.203	−0.483	27°651
74. 2.11	3	4 10 43.764	27 47 40.17			
76. 1.22	3	43.727	39.36			
78. 2. 1	3	43.711	40.36			
2039	9.1	3.6598	+0.0163	+ 9.180	−0.478	26°709
74. 1.21	3	4 11 1.813	26 18 23.03			
75. 2. 1	3	2.134	21.16	v. ft.		
76. 1.29	3	1.791	23.01			
78. 2. 7	3	2.024	22.19	ex. ft.		
79. 2. 6	3	1.938	22.07			
2040	8.7	3.6481	+0.0160	+ 9.171	−0.476	25°698
75. 1.21	3	4 11 8.896	25 50 30.12	Z.C. δ 29″.7		
75. 1.25	1	8.716	31.62			
76. 1.25	3	8.897	28.48			
77. 1.22	3	8.917	28.53			
78. 2. 8	3	8.787	29.78			
2041	9.0	3.6435	+0.0159	+ 9.147	−0.477	25°699
77.12.17	3	4 11 27.206	25 38 45.38	Z.C. δ 46″.0		
78. 1.23	3	27.268	46.01			
78. 2. 8	2	27.083	46.63			
2042	8.0	3.6512	+0.0160	+ 9.122	−0.478	25°700
77. 1.22	3	4 11 46.843	25 55 57.25	Z.C. δ 57″.7		
80. 1.29	3	46.854	58.17			
86. 1.30	7	46.842	57.56			
2043	9.1	3.7311	+0.0176	+ 9.112	−0.489	28°638
72.12.28	3	4 11 53.949	28 57 7.02			
74. 1.24	3	54.073	6.46			
76. 2. 2	3	54.094	8.67			
2044	9.0	3.6416	+0.0157	+ 9.074	−0.478	25°702
75. 1.25	2	4 12 23.770	25 31 32.79			
76. 1.25	3	23.757	31.13			
77.12.17	3	23.739	32.28			
78. 1.23	3	23.607	32.03			
78. 2. 8	1	23.543	32.34			

2045	$9^{m}.1$	$3^{s}.7200$	$+0^{s}.0173$	$+\ 9''.069$	$-0''.488$	28°640
76. 2. 2	3	$4^{h}\,12^{m}\,26^{s}.944$		28° 30′ 40″.57		
92. 2.11	7	26.999		40.36		
92. 2.12	7	27.016		39.45		
2046	9.0	3.6812	+0.0164	+ 9.057	−0.483	26°712
74. 2.11	2	4 12 36.567		27 2 38.45		
78. 2. 1	3	36.644		36.85		
86. 1.27	5	36.544		36.20		
86. 1.28	7	36.388		35.76		
86. 2. 8	7	36.495		35.97		
2047	5.5	3.6814	+0.0164	+ 9.052	−0.483	27°655
74. 2.11	3	4 12 40.067		27 2 59.20		
76. 1.22	2	39.953		58.05		
76. 1.31	2	40.360		58.22		clds. *
2048	8.3	3.7227	+0.0173	+ 9.038	−0.489	28°642
72.12.28	3	4 12 51.051		28 35 23.16		
80. 1.30	3	51.080		22.40		
80. 1.31	3	50.889		21.80		
80. 1.31	3	51.039		22.50		
82. 2. 3	3	51.104		20.98		− 1′
83. 2. 1	3	50.979		22.75		
2049	7.7	3.6422	+0.0157	+ 9.034	−0.479	25°703
78. 1.23	3	4 12 53.906		25 31 27.78		Z.C. δ 28″.0
78. 2. 8	2	53.892		27.80		
80. 1.29	3	54.022		28.29		
2050	9.5	3.6569	+0.0159	+ 8.987	−0.481	26°713
74. 1.21	3	4 13 30.364		26 3 57.42		Z.C. δ 57″.7
74. 1.27	3	30.317		57.83		
76. 1.29	3	30.484		57.89		
78. 2. 7	3	30.391		58.10		ex. ft.
79. 2. 6	3	30.470		57.31		
2051	7.8	3.6826	+0.0163	+ 8.982	−0.484	27°656
74. 2.11	3	4 13 33.943		27 2 56.76		
76. 1.22	3	33.735		56.77		
78. 2. 1	3	33.871		56.90		
2052	9.2	3.7113	+0.0168	+ 8.959	−0.488	28°643
76. 2. 2	3	4 13 51.870		28 6 56.54		†
2053	8.2	3.7600	+0.0179	+ 8.954	−0.495	29°700
74. 1.30	3	4 13 55.500		29 53 33.82		
74. 2. 4	3	55.470		34.28		
76. 2.10	3	55.425		33.67		
77. 1.25	3	55.475		33.88		
77. 1.25	2	55.585		33.17		
2054	7.8	3.7452	+0.0176	+ 8.940	−0.491	29°701
74. 1.30	3	4 14 6.333		29 21 5.12		
74. 2. 4	3	6.272		5.71		
77. 1.24	3	6.288		3.85		
77. 1.24	3	6.348		4.35		
2055	9.4	3.6817	+0.0163	+ 8.938	−0.484	26°714
74. 1.21	3	4 14 7.696		26 59 4.58		Z.C. δ 5″.0
74. 1.27	3	8.050		5.51		
76. 1.29	3	7.917		4.96		
78. 2. 7	2	7.741		4.98		
2056	$8^{m}.8$	$3^{s}.7088$	$+0^{s}.0168$	$+\ 8''.930$	$-0''.488$	27°657
74. 2.11	1	4 14 14.219		28 0 11.30		
78. 2. 1	3	13.945		11.97		
80. 2. 4	3	13.949		11.12		
82. 1.23	3	13.950		10.45		
82. 2. 1	3	13.841		7.52		
82. 2. 3	3	14.052		10.21		
2057	8.8	3.7673	+0.0180	+ 8.912	−0.496	30°659
76. 2.10	3	4 14 27.679		30 7 34.87		
88. 2. 1	5	27.637		35.92		
2058	9.2	3.7509	+0.0176	+ 8.908	−0.494	29°702
79. 1.22	3	4 14 31.006		29 32 17.02		
86. 1.27	7	30.888		14.62		
87. 1.25	3	31.121		17.66		
87. 1.28	5	31.085		16.36		
87. 1.31	5	30.789		16.79		
2059	5.8	3.6399	+0.0154	+ 8.872	−0.480	25°707 A
73. 1. 3	3	4 14 58.518		25 19 56.13		
75. 1.25	3	58.460		57.86		d. l.
76. 1.25	3	58.690		55.65		
77. 1.22	3	58.844		56.13		
80. 1.29	3	58.668		56.46		d. s. p.
2060	8.8	3.6400	+0.0154	+ 8.871	−0.480	25°707 B
76. 1.25	2	4 14 59.280		25 20 13.25		Z.C. δ 12″.3
77. 1.22	3	59.434		11.27		
2061	8.3	3.7127	+0.0168	+ 8.857	−0.489	28°648
72.12.28	3	4 15 9.603		28 6 4.70		
76. 2. 2	3	9.432		5.81		
82. 2. 2	3	9.462		4.25		
82. 2. 3	3	9.375		5.24		
2062	8.7	3.7301	+0.0171	+ 8.843	−0.492	28°649
90. 2. 8	4	4 15 20.188		28 43 55.03		
90. 2.10	5	20.297		56.17		
2063	8.3	3.6820	+0.0161	+ 8.836	−0.486	26°716
74. 1.21	2	4 15 26.037		26 56 1.04		
74. 1.27	3	26.142		1.59		
75. 2. 1	3	26.105		1.86		
76. 1.29	3	26.013		1.79		
79. 2. 6	3	26.056		1.85		
2064	9.2	3.7310	+0.0171	+ 8.821	−0.493	28°651
74. 1.24	3	4 15 37.369		28 45 3.49		
76. 2. 2	2	37.365		4.85		
82. 2.10	3	37.493		2.92		
2065	8.0	3.7084	+0.0165	+ 8.793	−0.490	27°658
74. 2.11	3	4 15 58.815		27 53 45.65		
76. 1.22	3	58.742		44.49		
78. 2. 1	3	58.843		43.77		
2066	8.9	3.7232	+0.0168	+ 8.788	−0.492	28°652
82. 1.23	3	4 16 2.757		28 26 26.00		
82. 2. 1	3	2.775		25.69		
83. 2. 1	3	3.015		26.46		
2067	9.3	3.7524	+0.0174	+ 8.750	−0.497	29°705
74. 2. 4	3	4 16 31.273		29 29 13.10		v. ft.
93. 2. 4	6	30.959		11.37		

2068	$8^{m}.7$	$3^{s}.7622$	$+0^{s}.0175$	$+\ 8''.744$	$-0''.497$	29°706
74.	1.30	3	$4^{h}16^{m}35^{s}.764$	$29^{\circ}49'55''.70$		
74.	2. 4	1	36.013	54.61		*
76.	2.10	2	35.930	54.95		
2069	8.3	3.7318	+0.0169	+ 8.742	−0.493	28°653
72.12	28	3	4 16 37.965	28 43 37.88		
76.	2. 2	2	37.666	38.52		*
82.	2.10	3	37.880	36.82		
2070	9.0	3.7710	+0.0177	+ 8.740	−0.499	30°660
77.	1.24	3	4 16 38.940	30 8 31.47		
78.	1.25	2	38.938	29.72		
79.	1.22	3	39.043	31.53		
80.	1.26	3	38.841	29.12		
87.	1.25	5	39.012	31.62		
87.	1.28	7	38.879	31.41		
87.	1.31	4	38.849	30.41		
2071	9.3	3.6306	+0.0149	+ 8.703	−0.481	24°655
86.	1.27	7	4 17 7.661	24 52 14.00		
88.	2. 3	7	7.567	13.62		
89.	2. 8	7	7.630	13.62		
2072	9.1	3.7718	+0.0176	+ 8.691	−0.500	30°662
80.	1.31	1	4 17 16.207	30 8 18.42		†
2073	8.6	3.7542	+0.0173	+ 8.683	−0.497	29°709
74.	1.30	1	4 17 22.129	29 30 22.14		
76.	2.10	3	22.199	19.81		
77.	1.25	3	22.050	21.04		
2074	7.7	3.6462	+0.0152	+ 8.669	−0.483	25°710
73.	1. 3	3	4 17 33.408	25 27 34.17		
75.	1.25	3	33.460	34.74		
76.	1.25	3	33.583	33.41		
77.	1.22	3	33.595	35.06		
2075	9.5	3.6479	+0.0152	+ 8.665	−0.484	25°711
93.	2.16	5	4 17 36.191	25 31 26.82		−5′
94.	1.11	7	36.000	26.59		
2076	8.0	3.7474	+0.0170	+ 8.649	−0.497	29°712
77.	1.26	3	4 17 48.528	29 14 15.62		Z.C. δ 14″.5
80.	1.30	3	48.581	14.71		
80.	2. 4	3	48.582	13.71		
82.	2.10	3	48.570	14.20		
83.	2. 1	3	48.509	14.39		
2077	8.9	3.7580	+0.0172	+ 8.645	−0.498	29°711
74.	2. 4	2	4 17 51.139	29 37 5.36		
78.	1.25	3	51.565	5.59		v. ft. *
90.	2. 5	7	51.091	4.09		
2078	9.5	3.7027	+0.0161	+ 8.588	−0.491	27°659
74.	2.11	3	4 18 35.091	27 33 29.96		†
2079	9.5	3.6694	+0.0152	+ 8.502	−0.488	26°720
74.	1.27	3	4 19 39.471	26 14 53.32		†
2080	9.0	3.7382	+0.0166	+ 8.499	−0.497	28°656
74.	1.24	3	4 19 42.260	28 48 25.62		
76.	2. 2	3	42.068	25.70		
76.	2. 2	2	42.218	25.33		
87.	1.31	5	42.202	25.08		

2081	$8^{m}.9$	$3^{s}.7704$	$+0^{s}.0172$	$+\ 8''.482$	$-0''.502$	29°715
74.	1.30	3	$4^{h}19^{m}55^{s}.422$	$29^{\circ}57'19''.88$		
74.	2. 4	3	55.557	19.69		
76.	2.10	3	55.328	18.93		
77.	1.24	3	55.019	17.99		
77.	1.25	3	55.390	19.96		
77.	1.25	3	55.110	19.17		
77.	1.26	3	55.221	19.66		
2082	8.8	3.6316	+0.0146	+ 8.476	−0.483	24°658
86.	1.26	7	4 19 59.199	24 46 40.58		
86.	1.27	7	59.205	41.15		
88.	2. 1	7	59.378	43.83		
2083	9.4	3.6409	+0.0148	+ 8.461	−0.485	25°714
73.	1. 3	3	4 20 10.648	25 7 51.86		
75.	1.25	3	10.748	53.10		
76.	1.25	3	10.666	51.25		
80.	1.29	3	11.052	50.91		
2084	7.0	3.7037	+0.0158	+ 8.430	−0.494	27°660
74.	2.11	3	4 20 34.067	27 29 55.01		Z.C. δ 55″.0
76.	1.22	3	33.915	55.56		
78.	1.31	3	33.830	54.38		
2085	6.0	3.7755	+0.0171	+ 8.398	−0.503	30°665 A
74.	1.30	3	4 20 58.567	30 4 53.07		d.l.
74.	2. 4	3	58.636	54.39		d.l.
76.	2.10	3	58.794	54.98		d.s.p.
77.	1.26	2	58.672	53.72		d.p.
80.	1.31	3	58.658	52.98		d.s.p.
92.	2.11	7	58.547	54.52		d.s.p.
92.	2.12	7	58.677	54.23		d.s.p.
92.	2.13	7	58.627	53.20		d.s.p.
2086	8.5	3.7755	+0.0170	+ 8.397	−0.503	30°665 B
77.	1.26	3	4 20 59.393	30 5 5.39		†
2087	9.5	3.6711	+0.0151	+ 8.365	−0.490	26°721
74.	1.27	3	4 21 23.142	26 14 13.14		v.ft.
76.	1.29	3	23.154	11.59		
78.	2. 7	2	22.847	12.06		
79.	2. 6	3	23.004	11.04		
2088	6.5	3.6950	+0.0155	+ 8.347	−0.494	27°661
76.	1.22	3	4 21 36.720	27 7 33.45		
78.	1.31	3	36.752	33.92		
89.	2. 7	5	36.925	32.35		
2089	9.5	3.6501	+0.0147	+ 8.343	−0.488	25°717
73.	1. 3	3	4 21 40.249	25 25 21.00		
75.	1.25	3	40.094	20.02		
76.	1.25	3	40.113	19.15		
2090	9.0	3.6758	+0.0151	+ 8.330	−0.492	26°722
74.	1.27	2	4 21 49.623	26 23 41.52		
75.	2. 1	3	49.526	38.84		
79.	2. 6	2	49.413	40.25		
2091	8.7	3.6921	+0.0154	+ 8.316	−0.494	26°724
75.	2. 1	3	4 22 0.436	27 0 0.91		
76.	1.29	3	0.411	1.10		
78.	2. 7	3	0.487	1.73		

2092	$9^{m}.0$	$3^{s}.7823$	$+0^{s}.0170$	$+ 8''.298$	$-0''.505$	30°668
	74.	1.30	3	$4^{h}22^{m}14^{s}.055$	$30^{\circ}15'33''.95$	
	74.	2. 4	3	14.164	34.33	
	76.	2.10	3	14.089	34.02	
	77.	1.24	3	14.039	32.68	
2093	8.5	3.7404	+0.0163	+ 8.296	−0.500	28°658
	76.	2. 2	3	4 22 15.140	28 45 55.06	
	76.	2. 2	2	15.110	55.61	§
	87.	1.25	5	15.211	54.57	
	87.	1.31	5	15.206	54.07	
2094	6.5	3.7158	+0.0158	+ 8.272	−0.497	27°662
	74.	2.11	3	4 22 33.166	27 51 14.15	
	86.	1.28	5	33.283	13.97	
	90.	2. 5	7	33.384	13.93	
2095	9.5	3.7786	+0.0169	+ 8.271	−0.505	30°670
	74.	1.30	2	4 22 33.740	30 6 38.88	v. ft.
	74.	2. 4	3	33.907	38.38	
	80.	1.31	3	34.109	40.06	
	82.	2. 3	3	34.125	40.87	
2096	9.2	3.7814	+0.0169	+ 8.223	−0.506	30°672
	74.	2. 4	1	4 23 10.326	30 10 46.33	
	76.	2.10	3	10.253	45.43	v. ft.
	77.	1.25	3	10.114	45.52	
2097	9.5	3.7824	+0.0168	+ 8.184	−0.507	30°676
	74.	1.30	2	4 23 39.906	30 11 30.06	Z.C. δ 30″.7
	80.	1.30	3	40.024	30.27	ex. ft.
	81.	1.31	3	39.847	31.91	
2098	8.2	3.6352	+0.0142	+ 8.181	−0.488	24°662
	86.	1.26	7	4 23 41.697	24 45 32.51	
	88.	2. 3	7	41.499	32.31	
2099	8.3	3.7673	+0.0165	+ 8.178	−0.505	29°716
	77.	1.24	3	4 23 44.119	29 39 17.46	
	77.	1.24	2	44.019	17.77	
	77.	1.26	3	43.921	18.51	
	77.	1.26	3	43.911	18.88	
	80.	1.30	1	44.005	18.64	+ 5′
	80.	2. 4	3	44.004	18.04	
2100	9.0	3.6580	+0.0145	+ 8.142	−0.491	25°719
	73.	1. 3	3	4 24 11.385	25 36 52.97	$+ 1^{s}$
	75.	1.25	3	11.461	52.59	
	76.	1.25	3	11.341	51.32	
2101	9.5	3.7847	+0.0168	+ 8.133	−0.508	30°678
	88.	2. 1	5	4 24 18.069	30 14 38.74	ex. ft.
	89.	2. 7	7	17.822	36.32	ex. ft.
	89.	2. 8	7	17.932	34.21	
2102	8.9	3.7427	+0.0159	+ 8.128	−0.502	28°660
	76.	2. 2	3	4 24 21.953	28 44 41.33	
	80.	2.12	3	22.061	39.84	
	82.	2. 1	3	22.010	37.96	
	82.	2. 2	3	22.128	38.64	
	82.	2. 3	3	21.901	40.58	
2103	$9^{m}.3$	$3^{s}.7852$	$+0^{s}.0167$	$+ 8''.112$	$-0''.508$	30°679
	86.	1.28	5	$4^{h}24^{m}33^{s}.375$	$30^{\circ}14'39''.68$	
	87.	1.31	7	33.373	40.38	
	90.	2. 8	7	33.365	41.48	
2104	7.2	3.6405	+0.0141	+ 8.096	−0.489	24°663
	73.	1. 3	3	4 24 45.758	24 54 58.45	
	75.	1.25	1	45.746	57.85	
	76.	1.25	3	45.814	57.67	
2105	9.5	3.7399	+0.0158	+ 8.094	−0.502	— —
	74.	1.24	3	4 24 47.339	28 37 33.64	†
2106	9.2	3.7242	+0.0155	+ 8.084	−0.500	28°662
	76.	2. 2	3	4 24 54.497	28 3 13.66	Z.C. δ 13″.3
	80.	1.31	3	54.625	13.69	
	80.	2. 4	3	54.698	12.16	
	81.	1.31	3	54.779	13.82	
2107	9.3	3.6391	+0.0140	+ 8.071	−0.490	24°664
	86.	1.30	7	4 25 4.132	24 51 11.08	
	86.	2. 8	7	4.012	10.66	
	89.	2. 9	7	4.137	11.29	
2108	9.5	3.7051	+0.0152	+ 8.056	−0.498	27°664
	74.	2.11	3	4 25 15.355	27 19 52.02	†
2109	9.0	3.7421	+0.0158	+ 8.025	−0.504	28°663
	74.	1.24	3	4 25 39.066	28 39 47.98	Z.C. δ 48″.6
	76.	2. 2	2	38.870	49.09	
	80.	1.30	3	38.935	47.76	
	81.	1.31	2	39.148	49.46	
2110	9.2	3.7783	+0.0164	+ 8.011	−0.509	29°720
	74.	1.30	3	4 25 49.557	29 56 47.48	
	74.	2. 4	3	49.504	47.57	
	76.	2.10	3	49.692	47.48	
	77.	1.24	3	49.590	47.54	v. ft.
	77.	1.26	3	49.502	48.15	
2111	5.7	3.7444	+0.0156	+ 7.931	−0.505	28°666
	74.	1.24	3	4 26 48.961	28 41 51.48	
	76.	2. 2	3	48.911	51.82	
	80.	1.31	3	48.714	50.19	
	80.	1.31	3	48.834	48.74	
	80.	2. 4	3	48.658	49.12	
2112	9.0	3.7055	+0.0149	+ 7.919	−0.500	27°665
	74.	2.11	3	4 26 58.364	27 16 12.04	
	76.	1.22	3	58.094	12.52	
	78.	1.31	2	58.115	11.33	clds.
2113	9.0	3.7202	+0.0152	+ 7.906	−0.501	27°667
	74.	2.11	3	4 27 7.408	27 48 11.11	Z.C. δ 10″.0
	78.	2. 1	3	7.728	9.85	ex. ft. *
	86.	1.28	5	7.473	9.00	
2114	9.0	3.7704	+0.0160	+ 7.889	−0.509	29°721
	74.	1.30	3	4 27 20.258	29 35 47.45	
	74.	2. 4	3	20.344	48.07	
	76.	2.10	3	20.373	46.74	
	77.	1.26	3	20.275	47.12	

2115	$9^{m}5$	$3^{s}7512$	$+0^{s}0155$	+ 7″804	−0″507	28°669
	74. 1.24	3	$4^{h}28^{m}24^{s}066$	28° 52′ 4″72	Z.C. δ 5″1	
	81. 1.31	3	23.866	5.48		
2116	9.1	3.7270	+0.0151	+ 7.802	−0.504	27°669
	74. 2.11	3	4 28 25.427	27 59 41.88	Z.C. δ 43″0	
	76. 1.22	3	25.467	42.95		
	78. 1.31	3	25.366	44.22		
2117	8.9	3.7005	+0.0146	+ 7.753	−0.501	26°729
	86. 1.26	7	4 29 1.408	26 59 51.29		
	86. 2.20	5	1.533	49.98	v. ft.	
2118	8.6	3.6972	+0.0145	+ 7.751	−0.501	26°730
	74. 1.27	3	4 29 2.960	26 52 44.74		
	75. 2. 1	3	2.949	43.84		
	76. 1.29	3	2.937	42.71		
	79. 2. 6	3	3.031	43.24		
2119	9.5	3.7264	+0.0150	+ 7.748	−0.505	27°671
	86. 1.30	7	4 29 5.586	27 56 44.93		
	90. 2. 8	7	5.458	46.16		
	90. 2.10	5	5.502	44.72	v. ft.	
2120	9.3	3.7213	+0.0149	+ 7.733	−0.504	27°672
	74. 2.11	2	4 29 16.594	27 45 12.54		
	88. 2. 8	7	16.471	12.33		
2121	9.0	3.7526	+0.0154	+ 7.731	−0.508	28°672
	74. 1.24	3	4 29 17.814	28 52 47.92	Z.C. δ 47″7	
	76. 2. 2	3	17.783	48.39	Z.C. Ep. 78.3	
	80. 1.30	3	17.971	47.64		
	80. 2. 4	3	17.924	46.22		
	81. 1.31	3	17.880	48.39		
2122	7.7	3.7887	+0.0160	+ 7.729	−0.513	30°695
	86. 1.28	7	4 29 19.448	30 8 46.57		
	89. 2. 8	7	19.522	46.68		
2123	7.4	3.7191	+0.0148	+ 7.724	−0.504	27°673
	77. 1.30	3	4 29 23.405	27 40 7.31		
	80. 1.31	3	23.315	7.53		
	80. 1.31	3	23.235	7.74		
2124	7.3	3.6604	+0.0138	+ 7.694	−0.496	25°720
	86. 2. 8	7	4 29 45.735	25 28 20.18		
	89. 2. 9	7	45.850	19.70		
2125	8.4	3.7895	+0.0160	+ 7.687	−0.514	30°698
	87. 1.25	5	4 29 50.610	30 9 7.76		
	87. 1.28	7	50.550	7.99		
2126	8.7	3.7932	+0.0160	+ 7.676	−0.514	30°699
	89. 2. 7	7	4 29 59.075	30 16 16.10	†	
2127	8.4	3.7614	+0.0152	+ 7.628	−0.510	29°725
	74. 1.30	3	4 30 34.807	29 7 60.96		
	76. 2.10	3	34.923	61.04		
	77. 1.24	3	35.035	58.71		
	77. 1.24	2	34.915	59.95		
	77. 1.25	3	34.876	61.07		
	77. 1.25	2	34.836	61.48		
	77. 1.26	3	34.678	60.51		
	77. 1.26	3	34.828	60.31		
2128	$8^{m}4$	$3^{s}7427$	$+0^{s}0150$	+ 7″621	−0″508	28°674
	74. 1.24	3	$4^{h}30^{m}40^{s}036$	28° 27′ 52″84		
	76. 2. 2	3	39.904	53.40		
	80. 1.30	3	40.002	52.67		
2129	7.0	3.6940	+0.0142	+ 7.612	−0.502	26°731
	74. 1.27	3	4 30 46.466	26 41 19.89	d.m.	
	75. 2. 1	3	46.464	17.74	c.d.m.	
	76. 1.29	3	46.347	19 35	c.d.m.	
	79. 2. 6	3	46.453	19.31	c.d.m.	
2130	9.1	3.7282	+0.0148	+ 7.579	−0.507	27°677
	80. 2. 4	3	4 31 10.755	27 55 14.52		
	80. 2.13	3	10.729	14.47		
	82. 2. 3	3	10.550	15.26		
2131	9.3	3.7470	+0.0150	+ 7.570	−0.509	28°675
	76. 2. 2	3	4 31 17.629	28 35 27.65	Z.C. δ 26″2	
	80. 2.12	3	17.454	24.65		
	81. 1.31	3	17.729	26.26		
2132	8.8	3.7247	+0.0145	+ 7.532	−0.507	27°679
	77. 1.30	3	4 31 45.809	27 46 16.36		
	80. 2.12	3	45.761	17.01		
	82. 2. 2	3	45.667	15.05		
2133	6.3	3.6492	+0.0134	+ 7.532	−0.497	24°674
	73. 1. 3	3	4 31 45.877	24 58 5.22		
	75. 1.25	3	45.922	5 28		
	76. 1.25	3	45.911	4.36		
	80. 1.31	3	45.911	3.70		
	80. 1.31	3	45.771	5.41		
2134	8.3	3.7460	+0.0149	+ 7.527	−0.510	28°677
	74. 1.24	3	4 31 49.452	28 31 58.83		
	74. 1.24	1	49.342	59.69	-10^{s} *	
	80. 1.30	2	49.669	58.69		
	80. 2. 4	3	49.442	58.28		
2135	6.5	3.7806	+0.0154	+ 7.474	−0.514	29°728
	76. 2.10	3	4 32 28.697	29 43 31.08	Z.C. δ 30″2	
	80. 2.13	3	28.642	30.02		
	81. 1.31	3	28.418	30.82		
	83. 1.23	3	28.567	28.69		
2136	9.3	3.7205	+0.0143	+ 7.445	−0.507	27°682
	84. 2.18	4	4 32 50.152	27 34 15.77		
	92. 2.13	6	50.297	15.77		
2137	7.2	3.7903	+0.0155	+ 7.443	−0.516	30°704
	80. 2. 4	3	4 32 51.633	30 2 44.22		
	82. 2. 3	3	51.625	44.12		
	85. 2. 5	7	51.658	44.02		
	85. 2. 7	7	51.628	44.99		
	86. 1.28	7	51.624	45.32		
2138	8.9	3.7745	+0.0152	+ 7.418	−0.514	29°729
	80. 1.30	3	4 33 9.883	29 28 57.53	ft.	
	82. 2. 3	3	9.760	58.12		
	85. 2. 9	5	9.959	57.20		
	86. 1.30	5	9.769	57.83		

2139	$9^{\mathrm{m}}3$	$3^{\mathrm{s}}7217$	$+0^{\mathrm{s}}0143$	+ 7″409	−0″508	27°683
88.	2. 8	5	$4^{\mathrm{h}}33^{\mathrm{m}}16^{\mathrm{s}}523$	27° 35′ 55″07		
93.	2. 4	7	16.537	54.29		
2140	9.0	3.7613	+0.0149	+ 7.394	−0.513	28°679
80.	2.13	3	4 33 27.368	29 0 16.87		
82.	2. 2	3	27.398	16.64		
82.	2.10	3	27.559	16.65		
86.	1.26	5	27.410	17.90		
86.	2.20	7	27.141	15.71		v. ft. *
2141	9.0	3.7628	+0.0149	+ 7.393	−0.513	29°730
88.	2. 1	7	4 33 27.916	29 3 32.44		
89.	2.15	7	27.819	32.54		
2142	8.3	3.6716	+0.0135	+ 7.393	−0.500	25°723
81.	1.31	3	4 33 27.903	25 44 50.85		Z.C. δ 50″6
84.	2.21	4	28.112	50.32		
2143	5.0	3.7434	+0.0146	+ 7.390	−0.511	28°680
82.	1.24	3	4 33 30.474	28 22 12.58		
87.	1.28	7	30.518	13.75		
2144	9.1	3.7606	+0.0148	+ 7.362	−0.514	28°681
89.	2. 9	5	4 33 51.203	28 57 53.53		†
2145	8.7	3.7453	+0.0146	+ 7.353	−0.512	28°682
80.	2.12	3	4 33 58.003	28 24 57.41		
80.	2.13	2	58.041	57.91		
82.	1.24	3	58.117	57.43		
2146	8.9	3.6992	+0.0138	+ 7.334	−0.505	26°735
79.	2. 6	3	4 34 11.861	26 44 14.03		
80.	1.31	3	11.904	12.96		
80.	1.31	2	11.964	14.25		
82.	2.10	3	11.910	14.78		
2147	8.9	3.7441	+0.0144	+ 7.317	−0.512	28°683
74.	1.24	3	4 34 24.394	28 21 25.82		
80.	2. 4	3	24.268	26.06		
82.	2. 2	3	24.231	26.48		
83.	1.23	3	24.244	27.50		
2148	9.4	3.7120	+0.0139	+ 7.290	−0.508	27°687
88.	2. 3	7	4 34 44.186	27 11 22.66		
90.	2.10	7	44.293	23.00		
2149	8.5	3.6805	+0.0134	+ 7.236	−0.503	25°725
80.	2.12	3	4 35 24.183	26 0 11.37		
82.	2. 3	3	24.230	10.92		
82.	2.10	3	24.132	11.78		
2150	8.0	3.7206	+0.0139	+ 7.202	−0.510	27°688
80.	2. 4	3	4 35 48.821	27 27 24.88		
80.	2.12	3	48.764	24.74		
80.	2.13	3	48.963	24.69		
82.	2. 2	3	48.880	23.70		
83.	1.23	3	49.089	23.48		
2151	9.2	3.8049	+0.0151	+ 7.163	−0.521	30°709
86.	1.26	7	4 36 17.332	30 24 2.53		+ 5′
89.	2. 8	7	17.299	2.46		
2152	$9^{\mathrm{m}}1$	$3^{\mathrm{s}}8015$	$+0^{\mathrm{s}}0151$	+ 7″155	−0″521	30°710
87.	1.28	5	$4^{\mathrm{h}}36^{\mathrm{m}}23^{\mathrm{s}}551$	30° 16′ 47″71		
89.	2. 9	7	23.397	46.50		
2153	9.1	3.6628	+0.0129	+ 7.124	−0.503	25°727
88	2. 1	7	4 36 46.370	25 17 32.87		
89.	2.15	7	46.354	34.16		
2154	9.2	3.7563	+0.0143	+ 7.111	−0.516	28°685
74.	1.24	3	4 36 55.499	28 41 18.86		
76.	2. 2	3	55.526	17.90		
80.	1.30	3	55.622	18.07		v. ft.
80.	2.12	3	55.453	18.23		
82.	2.10	3	55.539	18.47		
2155	9.5	3.7055	+0.0135	+ 7.105	−0.508	26°740
75.	2. 1	3	4 37 0.153	26 51 46.87		
79.	2. 6	3	0.182	46.69		
80.	2.13	2	0.263	48.09		v. ft.
82.	1.24	3	0.509	46.68		
83.	1.23	2	0.447	46.76		
2156	8.5	3.7961	+0.0148	+ 7.060	−0.521	30°713
86.	2. 8	7	4 37 33.224	30 2 52.73		
88.	2. 3	7	33.320	53.15		
91.	1.30	7	33.365	52.87		
2157	7.0	3.7502	+0.0141	+ 7.023	−0.515	28°687
76.	2. 2	2	4 38 0.216	28 25 44.11		
80.	2. 4	3	0.367	42.49		
80.	2.13	3	0.239	43.08		
82.	1.24	3	0.260	43.94		
2158	9.0	3.7133	+0.0134	+ 7.003	−0.512	27°691
74.	2.11	3	4 38 14.762	27 5 51.61		
77.	1.30	3	14.795	51.42		
87.	2. 1	7	14.791	49.52		
2159	8.5	3.7566	+0.0141	+ 6.994	−0.516	28°689
74.	1.24	3	4 38 21.671	28 38 28.37		Z.C. δ 28″8
76.	2. 2	3	21.868	29.42		Z.C. Ep. 79.3
81.	1.31	3	21.714	29.23		
82.	2. 2	3	21.669	27.48		
83.	1.23	3	21.712	29.40		
2160	7.5	3.6782	+0.0129	+ 6.980	−0.506	25°731
73.	1. 3	3	4 38 31.237	25 48 19.93		
75.	1.25	3	31.337	19.30		
76.	1.25	3	31.322	19.72		
2161	9.3	3.8011	+0.0147	+ 6.967	−0.523	30°718
74.	1.30	2	4 38 40.823	30 10 25.69		
77.	1.25	3	40.892	25.76		v. ft.
77.	1.26	3	40.923	25.04		
2162	9.2	3.7710	+0.0141	+ 6.965	−0.518	29°733
74.	1.30	3	4 38 42.823	29 7 54.95		
74.	2. 4	3	42.867	55.14		
76.	2.10	3	42.834	55.59		
2163	9.2	3.7697	+0.0142	+ 6.960	−0.518	29°734
74.	2. 4	2	4 38 45.235	29 5 14.37		-1^{s}
93.	2. 4	4	45.333	13.18		
94.	1.11	5	45.493	14.99		

2164	$8^{m}4$	$3^{s}7297$	$+0^{s}0136$	$+\ 6''960$	$-0''514$	$27^{\circ}694$
74. 2.11	3	$4^{h}38^{m}45^{s}786$	$27^{\circ}\,40'\,13''19$			
77. 1.30	3	46.021	12.28			
88. 2. 8	5	45.834	13.34			
2165	9.0	3.7583	+0.0140	+ 6.959	−0.517	$28^{\circ}692$
74. 1.24	3	4 38 47.130	28 41 10.73			
80. 2. 4	3	47.153	11.12			
80. 2.12	3	47.069	12.06			
80. 2.13	3	47.207	11.56			
2166	9.4	3.7805	+0.0144	+ 6.956	−0.520	$29^{\circ}735$
78. 2.18	3	4 38 49.219	29 27 30.84			
87. 1.28	7	49.284	27.70			v. ft.
89. 2. 7	7	49.411	29.78			
2167	9.0	3.7392	+0.0137	+ 6.932	−0.515	$27^{\circ}695$
74. 2.11	1	4 39 6.792	27 59 45.77			$+5'$
86. 1.30	5	6.596	45.23			Z.C. $\alpha\,6^{s}70$
86. 2. 2	5	6.719	44.19			
2168	9.1	3.6831	+0.0129	+ 6.906	−0.507	$25^{\circ}732$
73. 1. 3	3	4 39 25.434	25 57 2.79			
76. 1.25	3	25.473	1.96			
80. 2. 4	2	25.436	2.12			
82. 2.10	3	25.456	1.76			
83. 1.23	3	25.521	2.69			
2169	8.8	3.7711	+0.0141	+ 6.900	−0.519	$29^{\circ}738$
76. 2.10	3	4 39 29.986	29 6 16.98			
77. 1.24	3	29.814	17.21			
77. 1.24	2	29.794	17.21			
77. 1.25	3	29.705	19.05			
77. 1.26	3	29.677	18.53			
84. 2.18	2	29.742	17.55			
2170	9.2	3.6830	+0.0128	+ 6.859	−0.508	$25^{\circ}733$
75. 1.25	3	4 39 59.690	25 55 33.36			Z.C. $\delta\,33''0$
76. 1.25	2	59.740	32.48			
80. 2.12	3	59.743	32.89			
81. 1.31	3	59.864	33.08			ft.
2171	9.3	3.7618	+0.0139	+ 6.840	−0.518	$28^{\circ}694$
74. 1.24	3	4 40 14.245	28 44 60.51			
76. 2. 2	3	14.177	61.86			
82. 1.24	3	14.184	59.65			
82. 2. 2	3	14.087	59.75			
2172	6.4	3.7694	+0.0140	+ 6.822	−0.519	$28^{\circ}695$
74. 1.24	1	4 40 26.920	29 0 42.30			*
80. 2.12	3	26.663	43.81			
84. 2.21	7	26.588	43.90			
2173	8.6	3.6741	+0.0126	+ 6.822	−0.506	$25^{\circ}734$
73. 1. 3	3	4 40 26.773	25 34 54.68			
75. 1.25	3	26.921	54.66			
80. 2.13	3	26.829	53.33			
82. 2. 3	3	26.763	53.15			
2174	9.5	3.7075	+0.0130	+ 6.820	−0.511	$26^{\circ}749$
76. 1.29	2	4 40 28.515	26 48 14.55			
78. 2. 7	2	28.726	16.78			* ex. ft.
79. 2. 6	3	28.498	15.99			

2175	$6^{m}7$	$3^{s}7850$	$+0^{s}0142$	$+\ 6''820$	$-0''522$	$29^{\circ}741$
74. 1.30	3	$4^{h}40^{m}28^{s}525$	$29^{\circ}\,32'\,54''55$			Z.C. $\delta\,54''6$
74. 2. 4	3	28.608	54.68			
78. 2.18	3	28.609	54.54			
2176	7.8	3.7059	+0.0130	+ 6.809	−0.511	$26^{\circ}750$
74. 1.27	3	4 40 36.346	26 44 29.32			
75. 2. 1	3	36.399	28.01			
76. 1.29	2	36.547	28.80			
2177	9.5	3.7071	+0.0130	+ 6.798	−0.511	$26^{\circ}751$
75. 2. 1	2	4 40 43.876	26 47 6 01			Z.C. $\alpha\,44^{s}09$
79. 2. 6	1	44.309	6.28			Z.C. $\delta\,6''5$
89. 2 9	7	44.092	7.17			
2178	8.6	3.7571	+0.0137	+ 6.769	−0.518	$28^{\circ}696$
86. 1.26	5	4 41 5.921	28 33 22.03			
86. 2. 8	7	5.894	23.02			
88. 2. 3	7	5.980	23.19			
2179	9.3	3.7552	+0.0137	+ 6.761	−0.518	$28^{\circ}697$
86. 1.30	7	4 41 11.816	28 29 14.54			
86. 2. 2	7	11.817	14.84			
89. 2. 8	7	11.856	14.53			
2180	7.6	3.7079	+0.0129	+ 6.747	−0.512	$26^{\circ}752$
74. 1.27	3	4 41 21.273	26 47 23.36			Z.C. $\delta\,23''6$
75. 2. 1	1	21.305	22.71			
78. 2. 7	3	21.328	24.68			
2181	7.0	3.7802	+0.0139	+ 6.746	−0.521	$29^{\circ}742$
74. 2. 4	3	4 41 22.507	29 20 58.54			
77. 1.25	3	22.291	58.17			
77. 1.25	2	22.541	58.50			
77. 1.26	3	22.473	57.49			
2182	7.2	3.7454	+0.0135	+ 6.740	−0.517	$28^{\circ}698$
76. 2. 2	3	4 41 26.633	28 7 40.76			
87. 2.12	7	26.632	41.68			
89. 1.29	7	26.613	42.07			
89. 2. 2	7	26.673	41.20			
89. 2. 4	5	26.804	40.08			-1^{m}
89. 2. 7	7	26.811	40.59			
2183	9.0	3.7896	+0.0141	+ 6.733	−0.523	$29^{\circ}743$
74. 1.30	3	4 41 31.493	29 39 58.74			
78. 2.18	3	31.616	60.11			
80. 2. 4	3	31.687	58.70			
80. 2.12	3	31.663	57.74			
83. 1.23	3	31.602	58.47			
2184	9.3	3.7624	+0.0137	+ 6.703	−0.520	$28^{\circ}699$
87. 1.28	7	4 41 53.641	28 42 37.02			
88. 2. 1	2	53.561	37.33			bad
89. 2.15	7	53.443	37.71			s. p. of 2
2185	8.7	3.7630	+0.0136	+ 6.682	−0.520	$28^{\circ}700$
74. 1.24	2	4 42 8.815	28 43 19.31			
87. 2.14	7	8.736	17.66			
87. 2.16	7	8.671	18.85			$+1'$
90. 2. 5	5	8.727	19.66			$+1'$

2186	$8^{m}.0$	$3^{s}.7606$	$+0^{s}.0135$	$+ 6''.677$	$-0''.520$	28°701
76. 2. 2	3	$4^{h}42^{m}12^{s}.025$	28° 38′ 4″.58			
88 2. 8	5	11.986	4.74			
90. 2. 8	5	12.420	5.86	* + 1′w. 1. 2.		
90. 2.10	7	12.231	4.89	[3. − 30^{s}		
2187	8.9	3.7396	+0.0132	+ 6.647	−0.517	27°700
74. 2.11	3	4 42 34.114	27 53 9.96			
77. 1.30	2	34.220	8.95			
2188	8.4	3.7434	+0.0132	+ 6.647	−0.518	27°699
74. 2.11	3	4 42 34.207	28 1 10.72			
77. 1.30	3	34.312	9.19			
91. 1.30	7	34.222	9.40			
2189	9.1	3.6638	+0.0121	+ 6.646	−0.507	25°736
73. 1. 3	3	4 42 34.966	25 7 30.19			
75. 1.25	3	35.187	29.54	− 1 int.		
76. 1.25	3	35.005	30.15			
2190	7.6	3.7461	+0.0132	+ 6.608	−0.518	28°704
73. 2.20	2	4 43 2.855	28 5 45.95			
75. 2. 5	3	2.658	47.12			
86. 1.26	5	2.822	46.86			
2191	9.3	3.7903	+0.0137	+ 6.566	−0.525	29°748
74. 1.30	3	4 43 33.040	29 36 55.47			
74. 2. 4	3	33.092	56.29			
76. 2.10	2	33.153	55.03			
77. 1.26	3	32.966	55.65	v. ft.		
78. 2.18	3	32.889	55.91			
2192	8.1	3.7528	+0.0132	+ 6.555	−0.520	28°707
74. 1.24	3	4 43 41.325	28 18 38.83			
75. 2. 5	3	41.360	37.68			
86. 2.20	7	41.146	37.18			
2193	8.9	3.7559	+0.0133	+ 6.554	−0.520	28°706
76. 2. 2	3	4 43 42.175	28 24 58.66			
86. 1.30	5	42.316	57.49			
86. 2. 2	5	42.243	57.27			
86. 2. 8	7	42.134	57.23			
2194	9.0	3.6824	+0.0122	+ 6.535	−0.510	25°742
73. 1. 3	3	4 43 55.875	25 45 55.14			
75. 1.25	3	55.997	54.93			
76. 1.25	3	55.987	53.98			
2195	9.0	3.7041	+0.0124	+ 6.525	−0.513	26°756
74. 1.27	3	4 44 3.013	26 33 23.77			
75. 2. 1	3	3.126	22.83			
76. 1.29	3	3.130	24.57			
2196	8.5	3.7085	+0.0125	+ 6.500	−0.514	26°757
75. 2. 1	3	4 44 20.846	26 42 9.24			
79. 2. 6	3	20.878	10.28			
88. 2. 3	7	20.861	10.81			
88. 2. 8	7	20.897	11.28			
2197	9.4	3.7597	+0.0131	+ 6.480	−0.521	28°710
74. 1.24	2	4 44 35.607	28 30 57.54			
75. 2. 5	2	35.873	58.13			
76. 2. 2	2	35.825	59.24			

2198	$9^{m}.4$	$3^{s}.8080$	$+0^{s}.0138$	$+ 6''.473$	$-0''.529$	30°733
74. 1.30	3	$4^{h}44^{m}40^{s}.980$	30° 10′ 30″.83			
78. 2.18	3	40.811	31.03			
80. 2.12	3	40.940	29.98			
82. 1.24	3	41.183	30.88			
82. 2.10	3	40.909	29.76			
84. 2.18	3	40.873	31.28			
2199	9.4	3.6601	+0.0118	+ 6.464	−0.508	24°699
73. 1. 3	3	4 44 47.350	24 54 50.67			
75. 1.25	3	47.342	50.37			
76. 1.25	3	47.287	50.76			
94. 11.30	7	47.217	49.71	§		
2200	8.8	3.7120	+0.0125	+ 6.463	−0.515	26°758
78. 2. 7	3	4 44 47.934	26 48 53.92			
80. 2. 4	3	48.070	51.59			
87. 2. 1	5	48.198	52.21			
89. 2. 2	4	48.037	51.67			
89. 2. 7	5	47.914	51.82			
2201	6.0	3.7365	+0.0128	+ 6.448	−0.519	27°701
74. 2.11	3	4 44 58.689	27 41 9.84			
77. 1.30	3	58.825	8.70			
88. 2. 7	7	58.693	8.71			
2202	8.8	3.7202	+0.0125	+ 6.436	−0.516	27°702
74. 2.11	2	4 45 7.102	27 6 10.13			
80. 2.12	2	7.145	9.43			
82. 1.24	3	7.185	9.63			
83. 1.23	3	7 078	8.83			
2203	8.2	3.7427	+0.0129	+ 6.430	−0.520	27°704
77. 1.30	1	4 45 11.860	27 53 49.16			
80. 2.13	3	11.724	48.64			
82. 2. 2	3	11.717	50.21			
2204	7.3	3.7055	+0.0123	+ 6.427	−0.514	26°759
74. 1.27	3	4 45 14.076	26 34 2.73			
75. 2. 1	2	14.219	0.69			
76. 1.29	3	14.062	1.66			
79. 2. 6	3	14.156	1.82	§		
2205	9.0	3.7849	+0.0134	+ 6.408	−0.525	29°750
77. 1.25	3	4 45 27.813	29 21 30.87	v. ft.		
77. 1.26	3	27.705	31.38			
2206	8.7	3.6549	+0.0116	+ 6.390	−0.508	24°702
86. 1.26	5	4 45 40.904	24 41 34.10			
86. 1.30	5	40.796	33.55			
86. 2. 2	7	40.837	33.47			
2207	9.5	3.8058	+0.0136	+ 6.368	−0.529	30°737
74. 1.30	3	4 45 56.661	30 3 15.89			
82. 2. 3	3	56.862	14.37			
82. 2.10	2	56.780	15.51			
2208	7.5	3.6677	+0.0117	+ 6.367	−0.510	25°746
73. 1. 3	3	4 45 57.052	25 9 25.34			
75. 1.25	3	57.097	24.77			
76. 1.25	3	57.073	25.28			

2209	8$^{\mathrm{m}}$.9	3$^{\mathrm{s}}$.7789	+0$^{\mathrm{s}}$.0133	+ 6″.359	−0″.526	29°754
76. 2.10	1	4$^{\mathrm{h}}$46$^{\mathrm{m}}$ 3$^{\mathrm{s}}$.733		29° 8′ 7″.79		*
78. 2.18	3	3.444		9.32		
89. 2. 8	7	3.488		9.47		
2210	9.3	3.7621	+0.0130	+ 6.331	−0.523	28°712
76. 2. 2	3	4 46 23.516		28 32 18.28		
87. 2 12	7	23.575		17.33		
89. 2. 9	7	23.465		17.12		
2211	9.3	3.7077	+0.0122	+ 6.317	−0.516	26°761
78. 2. 7	3	4 46 33 184		26 36 3.10		†
2212	8.7	3.7642	+0.0130	+ 6.315	−0.524	28°713
75. 2. 5	3	4 46 34.759		28 36 17.53		Z.C. α 34$^{\mathrm{s}}$.73
86. 2. 8	5	34.623		17.46		
89. 2.15	7	34.808		17.35		+ 5′
2213	9.4	3.6658	+0.0116	+ 6.305	−0.510	25°748
93. 2. 4	3	4 46 41.719		25 3 48.99		
93. 2. 8	4	42.524		48.54		
94. 1.11	7	42.322		47.02		
2214	9.1	3.6659	+0.0115	+ 6.294	−0.510	25°749
75. 1.25	3	4 46 50.121		25 3 39.99		
76. 1.25	3	50.150		39.26		
89. 2. 7	7	50.275		36.54		
2215	8.9	3.7066	+0.0121	+ 6.293	−0.516	26°762
74. 1.27	3	4 46 50.728		26 33 10.42		Z.C. δ 9″.8
75. 2. 1	3	50.896		8.71		− 1$^{\mathrm{s}}$
76. 1.29	3	50.597		10.66		
78. 2. 7	3	50.769		9.35		
79. 2. 6	3	50.794		9.86		
2216	9.2	3.6785	+0.0117	+ 6.277	−0.512	25°750
88. 2. 3	7	4 47 2.011		25 31 20.79		
88. 2. 8	5	2.062		19.69		
90. 2. 5	7	2.139		20.05		
2217	9.4	3.8095	+0.0134	+ 6.269	−0.531	30°738
81. 1.31	3	4 47 8.478		30 8 17.46		ex. ft. † Z.C. δ 17″.5
2218	9.4	3.8107	+0.0134	+ 6.254	−0.531	— —
80. 2.12	3	4 47 19.488		30 10 15.94		
84. 2.18	3	19.202		15.49		
2219	8.8	3.7854	+0.0131	+ 6.244	−0.527	29°755
76. 2.10	3	4 47 26.200		29 18 17.45		v. ft.
80. 2. 4	3	25.880		16.71		
80. 2.13	3	26.220		18.63		v. ft.
82. 1.24	3	26.033		17.96		
83. 1.23	3	25.964		17.48		
2220	9.1	3.7868	+0.0131	+ 6.242	−0.527	29°756
77. 1.25	3	4 47 27.656		29 21 14.40		
92. 2.13	7	27.658		12.78		
2221	9.0	3.7657	+0.0128	+ 6.234	−0 525	28°714
73. 2.20	3	4 47 33.794		28 37 26.15		
75. 2. 5	3	33.752		27.31		
76. 2. 2	3	33.666		27.79		
2222	8$^{\mathrm{m}}$.2	3$^{\mathrm{s}}$.6668	+0$^{\mathrm{s}}$.0115	+ 6″.229	−0″.511	25°753
73. 1. 3	3	4$^{\mathrm{h}}$47$^{\mathrm{m}}$37$^{\mathrm{s}}$.401		25° 4′ 20″.44		+ 1′
75. 1.25	2	37.255		21.26		
76. 1.25	3	37.123		20.95		
86. 1.30	5	37.290		20.20		
2223	7.5	3.7199	+0.0121	+ 6.212	−0.519	26°764
74. 1.27	3	4 47 49.206		26 59 55.86		
75. 2. 1	2	49.018		54.55		
76. 1.29	3	49.055		54.99		
79. 2. 6	3	49.048		56.34		
2224	7.0	3.8102	+0.0134	+ 6.210	−0.531	30°742
74. 1.30	3	4 47 50.942		30 8 4.61		Z.C. δ 4″.5
78. 2.18	3	50.993		4.76		
80. 2.12	3	50.980		3.33		
81. 1.31	3	50.954		5.17		
2225	8.8	3.7381	+0.0123	+ 6.187	−0.521	27°708
74. 2.11	3	4 48 7.510		27 38 7.01		Z.C. δ 5″.2
77. 1.30	3	7.612		4.90		
90. 2.10	7	7.465		3.82		
2226	9.0	3.8008	+0.0131	+ 6.151	−0.530	29°760
86. 1.26	5	4 48 33.053		29 47 35.74		
86. 2. 8	5	32.938		35.31		
86. 2.20	6	33.215		33.46		*ex. ft.
2227	8.8	3.6695	+0.0114	+ 6.148	−0.512	25°755
73. 1. 3	3	4 48 35.364		25 8 26.89		
80. 2. 4	3	35.507		25.60		
80. 2.12	1	35.593		25.53		
82. 1.24	3	35.507		26.44		
83. 1.23	3	35.441		25.93		
2228	9.0	3.7511	+0.0124	+ 6.127	−0.523	28°716
75. 2. 5	3	4 48 50.906		28 4 0.73		
76. 2. 2	2	50.719		0.99		
2229	8.9	3.7513	+0.0124	+ 6.095	−0.523	28°721
73. 2.20	3	4 49 13.773		28 3 46.44		
75. 2. 5	3	13.536		47.14		
76. 2. 2	3	13.498		46.07		
88. 2. 3	7	13.613		45.65		
2230	9.2	3.8072	+0.0130	+ 6.072	−0.532	29°766
74. 1.30	3	4 49 30.319		29 58 32.04		
76. 2.10	3	30.588		30.01		*ex. ft.
77. 1.25	3	30.185		31.83		ft.
78. 2.18	3	30.267		31.60		
2231	9.5	3.7660	+0.0125	+ 6.057	−0.526	28°722
86. 1.30	5	4 49 40.547		28 33 39.03		
87. 2. 1	5	40.551		38.84		
2232	8.6	3.7269	+0.0119	+ 6.040	−0.521	27°712
74. 2.11	3	4 49 52.975		27 10 54.83		
77. 1.30	3	53.095		55.10		
89. 2.15	5	53.150		52.89		
2233	7.7	3.8064	+0 0130	+ 6.024	−0.532	29°771
76. 2.10	2	4 50 4.629		29 55 41.89		
77. 1.25	3	4.438		43.68		
77. 1.27	2	4.489		44.29		

2234	$8^m.8$	$3^s.7902$	$+0^s.0128$	+ 6″.020	−0″.530	29°770
	74. 1.30	3	$4^h 50^m 7^s.409$	29° 22′ 41″.52		
	77. 1.26	3	7.457	40.74		
	77. 1.26	3	7.537	40.27		
	80. 2 4	3	7.389	39.07		
2235	9.5	3.7349	+0.0120	+ 6.014	−0.522	27°713
	93. 2.16	2	4 50 11.457	27 27 18.88		
	94. 12.19	5	10.877	17.71		
	95. 1.28	7	10.838	16.81		
2236	9.1	3.8114	+0.0130	+ 6.001	−0.532	30°747
	80. 2.20	3	4 50 21.211	30 5 17.01		
	82. 2. 2	3	21.236	16.26		
	84. 2.18	4	21.446	15.99		
2237	9.0	3.6787	+0.0113	+ 5.998	−0.514	25°761
	73. 1. 3	3	4 50 23.416	25 25 28.83		Z.C. δ 29″.2
	76. 1.25	3	23.505	28.96		
	81. 1.31	1	23.173	29.77		*
2238	8.3	3.7985	+0.0128	+ 5.997	−0.531	29°773
	78. 2.18	3	4 50 23.820	29 39 4.01		
	80. 2.13	3	24.216	2.96		ft.
	83. 1.23	3	24.020	1.55		
2239	9.2	3.6973	+0.0115	+ 5.996	−0.517	26°767
	74. 1.27	3	4 50 25.058	26 6 5.85		
	75. 2. 1	3	24.957	4.74		
	76. 1.29	3	24.856	5.67		
	79. 2. 6	3	24.921	6.56		
2240	9.5	3.8031	+0.0128	+ 5.993	−0.531	— —
	81. 1.31	3	4 50 27.154	29 48 18.44		† v. ft. Z.C. δ 18″.4
2241	6.0	3.6633	+0.0111	+ 5.988	−0.512	24°717
	86. 1.26	5	4 50 30.462	24 51 19.53		
	89. 1.29	7	30.584	19.35		
	89. 2. 7	7	30.533	18.18		
2242	8.4	3.6917	+0.0114	+ 5.980	−0.516	25°762
	75. 1.25	3	4 50 35.883	25 53 40.36		
	80. 2. 4	3	35.784	39.49		
	80. 2.12	2	35.823	38.54		
2243	7.0	3.7988	+0.0126	+ 5.960	−0.531	29°774
	74. 1.30	2	4 50 50.432	29 38 57.56		Z.C. δ 56″.6
	76. 2.10	1	50.771	55.51		*
	82. 1.24	2	50.547	57.00		$-0^s.1$
	82. 2. 2	3	50.503	56.21		
2244	9.0	3.7683	+0.0123	+ 5.956	−0.527	28°724
	73. 2.20	3	4 50 53.157	28 36 3.53		
	75. 2. 5	3	53.241	3.88		
2245	9.0	3.7925	+0.0125	+ 5.876	−0.532	29°778
	74. 1.30	2	4 51 51.259	29 23 47.64		
	77. 1.25	3	51.257	47.77		
	80. 2. 4	3	51.246	45.27		
	82. 2.10	3	51.367	46.56		
	83. 1.23	3	51.230	46.14		

2246	$9^m.5$	$3^s.6702$	$+0^s.0109$	+ 5″.872	−0″.514	25°764
	93. 2.10	6	$4^h 51^m 53^s.572$	25° 4′ 0″.16		
	94. 2. 8	6	53.366	0.09		
2247	8.7	3.6851	+0.0111	+ 5.871	−0.516	25°765
	76. 1.25	3	4 51 54.366	25 36 54.22		
	80. 2.13	3	54.332	53.62		
	80. 2.20	3	54.268	54.58		
2248	8.1	3.6887	+0.0112	+ 5.870	−0.517	25°766
	80. 2.13	2	4 51 55.590	25 44 45.48		
	84. 2.18	2	55.380	45.72		
	84. 2.21	7	55.476	45.81		
2249	8.5	3.6973	+0.0113	+ 5.870	−0.518	26°771
	74. 1.27	3	4 51 55.749	26 3 36.61		
	75. 2. 1	3	55.664	32.86		
	76. 1.29	3	55.406	34.85		
2250	9.0	3.7274	+0.0116	+ 5.854	−0.522	27°716A
	77. 1.30	3	4 52 6.398	27 7 44.85		†
2251	7.2	3.7276	+0.0116	+ 5.854	−0.522	27°716B
	77. 1.30	3	4 52 7.088	27 8 3.90		
	80. 2.20	1	6.896	5.22		
	82. 1.24	3	6.832	3.57		
	96. 1.14	7	6.809	2.96		§ n.f. of 2
	96. 1.15	7	6.874	4.81		§ d.l.
	96. 1.17	7	6.792	4.41		§ d.l.
2252	9.1	3.7901	+0.0124	+ 5.846	−0.531	29°779
	80. 2.12	3	4 52 12.216	29 18 18.74		†
2253	9.4	3.7787	+0.0123	+ 5.843	−0.530	— —
	76. 2. 2	3	4 52 14.874	28 55 2.49		†
2254	8.8	3.7818	+0.0122	+ 5.811	−0.530	28°726
	73. 2.20	3	4 52 37.722	29 0 38.42		†
	75. 2. 5	3	37.736	38.85		
2255	8.4	3.6674	+0.0108	+ 5.811	−0.514	24°722
	86. 1.26	5	4 52 37.862	24 56 45.28		
	87. 2. 1	7	38.046	44.61		
	89. 2. 8	7	37.912	44.56		
2256	9.0	3.7899	+0.0123	+ 5.805	−0.531	29°782
	74. 1.30	1	4 52 42.412	29 16 61.24		Z.C. δ 0″.5
	77. 1.25	3	42.177	62.18		
	78. 2.18	3	42.112	61.22		− 15′
	80. 2. 4	2	42.175	59.54		
	80. 2.12	3	42.057	59.11		
	82. 2. 2	3	42.283	61.24		
	83. 1.23	3	42.147	59.04		
2257	9.4	3.6641	+0.0107	+ 5.769	−0.514	24°724
	78. 1.25	5	4 53 7.610	24 48 20.10		
	89. 2. 2	1	7.568	21.28		
	89. 2. 7	7	7.537	19.38		s.f. of 2
2258	8.4	3.7864	+0.0122	+ 5.758	−0.531	29°784
	76. 2.10	3	4 53 15.791	29 8 47.89		
	77. 1.26	3	15.818	48.06		
	77. 1.26	2	15.658	47.96		

2259	9^{m}4	3^{s}7549	+0^{s}0118	+ 5″743	−0″527	28°729
93. 2.16	5	4^{h}53^{m}26^{s}390		28° 3′ 18″83		
94. 1.30	7	26.091		18.89		
2260	9.0	3.8020	+0.0124	+ 5.737	−0.533	29°786
86. 2. 2	7	4 53 30.921		29 40 4.21		
86. 2. 8	5	30.698		4.08		
2261	7.8	3.7067	+0.0111	+ 5.731	−0.520	26°774
76. 1.29	3	4 53 34.802		26 20 48.26		
88. 2. 8	5	34.937		47.98		
2262	8.4	3.7964	+0.0122	+ 5.709	−0.533	29°787
86. 2.20	5	4 53 50.289		29 27 58.09		
93. 2. 4	7	50.029		59.56		
2263	8.8	3.6914	+0.0109	+ 5.703	−0.518	25°769
76. 1.25	3	4 53 54.715		25 46 57.25		
80. 2.12	2	54.677		55.70		
82. 2. 2	3	54.712		56.81		
82. 2.10	3	54.618		56.39		
83. 1.23	3	54.719		55.64		
2264	7.2	3.7109	+0.0111	+ 5.696	−0.521	26°775
78. 2. 7	3	4 53 59.668		26 29 1.27		Z.C. δ 1″2
81. 1.31	3	59.701		1.45		
82. 1.24	3	59.699		0.06		
83. 1.30	3	59.843		1.29		
88. 2. 3	5	59.592		2.02		− 1 int.
2265	8.8	3.7104	+0.0111	+ 5.693	−0.521	26°776
78. 2. 7	3	4 54 1.789		26 27 47.98		
80. 2. 4	3	1.731		47.80		
82. 2.10	2	1.695		48.01		
83. 1.30	2	1.773		48.74		
2266	8.0	3.7569	+0.0117	+ 5.686	−0.527	28°732
89. 2. 9	7	4 54 7.328		28 6 18.33		− 1′ D − 10″
92. 2.18	7	7.452		18.66		Z.C. δ 18″2
93. 2. 8	4	7.259		17.57		
2267	8.8	3.8070	+0.0123	+ 5.666	−0.534	29°791
74. 1.30	3	4 54 21.027		29 48 37.26		
92. 2.12	7	20.873		35.74		
93. 2.10	7	20.959		35.26		
2268	9.0	3.8085	+0.0122	+ 5.653	−0.535	29°792
77. 1.25	3	4 54 30.621		29 51 12.10		
77. 1.27	3	30.491		14.20		
2269	8.7	3.6872	+0.0107	+ 5.600	−0.518	25°770
80. 2.12	2	4 55 8.499		25 35 46.13		
80. 2.13	2	8.442		45 77		
82. 1.24	3	8.373		46.90		
83. 1.23	2	8.518		45.94		
2270	8.5	3.6874	+0.0106	+ 5.550	−0.519	25°773
80. 2. 4	3	4 55 44.057		25 35 20.58		
82. 1.24	3	44.029		21.40		
82. 2. 2	3	43.966		21.58		
83. 1.23	2	44.105		21.49		
2271	8.0	3.6661	+0.0103	+ 5.511	−0.516	24°739
88 2. 8	7	4 56 12.090		24 47 47.24		clds.†

2272	8^{m}5	3^{s}8062	+0^{s}0120	+ 5″507	−0″536	29°798
77. 1.25	3	4^{h}56^{m}14^{s}681		29° 43′ 25″56		
77. 1.27	3	14.621		26.50		
2273	6.5	3.8240	+0.0122	+ 5.506	−0.538	30°772
90. 2. 8	6	4 56 15.654		30 18 56.33		Z.C. α 15^{s}60
92. 2.11	7	15.556		57.60		
92. 2.16	7	15.578		56.08		
2274	9.0	3.7699	+0.0114	+ 5.486	−0.531	28°738
94. 1.11	7	4 56 30.039		28 28 51.62		
94. 1.31	3	30.192		51.78		ex. ft.
94. 2. 5	7	30.101		53.55		
2275	8.0	3.7984	+0.0118	+ 5.484	−0.535	29°800
89. 2. 2	7	4 56 31.065		29 27 3.80		
89. 2. 7	7	31.112		3.74		
2276	8.8	3.8216	+0.0121	+ 5.479	−0.538	30°774
90. 2.10	7	4 56 34.612		30 13 33.27		
92. 2.13	7	34.573		32.70		
92. 2.25	7	34.567		33.17		
94. 2. 8	7	34.695		32.09		
2277	9.3	3.7262	+0.0109	+ 5.479	−0.525	26°778
78. 2. 7	3	4 56 34.966		26 56 59.74		Z.C. δ 59″3
80. 2.12	3	35.043		59.23		
82. 2. 2	3	34.751		58.84		
2277^a	8.5	3.8208	+0.0121	+ 5.477	−0.538	30°775
96. 1.14	7	4 56 35.840		30 12 5.24		
96. 1.15	5	35.923		5.62		
96. 1.17	7	35.809		5.15		
2278	6.5	3.7424	+0.0111	+ 5.459	−0.527	27°723
91. 1.30	7	4 56 49.194		27 31 8.33		
92. 2.19	7	49.188		7.32		
93. 2.10	4	48.987		8.73		
2279	8.9	3.7728	+0.0114	+ 5.455	−0.531	28°741
94. 2. 9	5	4 56 52.071		28 34 8.99		
94. 2.10	3	52.230		9.78		
2279^a	9.4	3.7714	+0.0114	+ 5.454	−0.531	28°742
96. 2.11	7	4 56 52.415		28 31 12.81		
96. 2.19	7	52.384		13.45		ft.
96. 2.22	7	52.440		12.58		ft.
2280	9.0	3.7983	+0.0117	+ 5.443	−0.535	29°801
94. 2.12	3	4 57 0.874		29 26 3.79		*
94. 2.13	7	0.443		3.18		
2281	7.8	3.8091	+0.0118	+ 5.442	−0.537	29°802
93. 2.10	1	4 57 1.405		29 47 53.42		
93. 2.16	4	1.443		52.67		
2282	9.5	3.6900	+0.0105	+ 5.438	−0.520	25°774
82. 2.10	2	4 57 3.601		25 38 34.59		ex. ft.
94. 2.20	6	3 618		29.83		
2283	8.9	3.7197	+0.0108	+ 5.437	−0.524	26°781
78. 2. 7	3	4 57 4.707		26 42 19.39		
80. 2. 4	3	4.773		19.01		
80. 2.13	3	4.895		19.30		

2284	$7^{m}.7$	$3^{s}.7150$	$+0^{s}.0108$	$+5''.437$	$-0''.524$	26°780
74. 1.27	2	$4^{h}57^{m}\,4^{s}.846$		26° 32′ 39″.78		Z.C.Ep. 76.4
75. 2. 1	2	4.900		37.96		
80. 2.10	3	4.995		39.91		
2285	9.2	3.7427	+0.0110	+ 5.427	−0.527	27°724
82. 1.24	3	4 57 11.968		27 30 58.17		Z.C. δ 58″.4
83. 1.23	2	12.118		57.79		
83. 1.30	3	12.066		59.35		
2285^{a}	9.3	3.7507	+0.0111	+ 5.410	−0.529	27°725
97. 2.26	7	4 57 23.575		27 47 23.19		
See Zone Catalogue, page (6) last line.						
2286	9.0	3.7419	+0.0110	+ 5.406	−0.527	27°726
94. 2.10	4	4 57 27.274		27 29 1.23		
94.12.19	7	27.157		3.66		
95. 1.14	7	27.282		1.76		
95. 1.18	7	27.191		1.03		
2287	9.0	3.7072	+0.0106	+ 5.397	−0.523	26°782
80. 2.12	3	4 57 33.297		26 14 54.73		
80. 2.13	1	33.570		54.47		*
2288	6.5	3.7079	+0.0105	+ 5.346	−0.523	26°783
78. 2. 7	3	4 58 9.193		26 15 21.22		Z.C. δ 20″.8
79. 2. 6	3	9.240		20.77		
79. 3. 1	3	9.257		20.44		
2289	9.2	3.8198	+0.0118	+ 5.346	−0.539	30°781
86. 2. 2	7	4 58 9.259		30 7 14.85		
92. 2.12	7	9.449		13.56		
93. 2. 8	7	9.451		14.45		
2290	8.0	3.8041	+0.0116	+ 5.336	−0.537	29°806
76. 2.10	2	4 58 16.543		29 35 32.08		
77. 1.25	3	16.502		32.97		
77. 1.25	3	16.532		33.41		
77. 1.27	3	16.362		33.79		
2291	9.4	3.7797	+0.0113	+ 5.334	−0.533	28°745
75. 2. 5	3	4 58 18.332		28 45 40.07		
76. 2. 2	3	18.202		38.59		
2292	8.4	3.7103	+0.0104	+ 5.290	−0.524	26°785
79. 2. 6	3	4 58 49.163		26 19 27.16		
80. 2. 4	3	49.185		26.57		
80. 2.10	3	49.382		28.53		
2293	9.2	3.7575	+0.0109	+ 5.285	−0.531	27°728
74. 2.11	3	4 58 52.743		27 59 4.01		
77. 1.30	2	52.755		1.95		
2294	8.5	3.8139	+0.0116	+ 5.271	−0.539	29°809
74. 1.30	3	4 59 2.844		29 53 51.22		Z.C. δ 50″.8
76. 2.10	3	2.855		49.95		
78. 2.18	3	2.712		51.29		
2295	9.1	3.6994	+0.0103	+ 5.269	−0.523	25°779
75. 1.25	3	4 59 4.095		25 55 41.35		
76. 1.25	3	3.815		41.97		
89. 2. 8	7	4.134		42.22		
2296	9.5	3.7578	+0.0109	+ 5.265	−0.531	27°729
74. 2.11	2	4 59 7.273		27 59 9.70		†
2297	$9^{m}.5$	$3^{s}.7160$	$+0^{s}.0104$	$+5''.259$	$-0''.525$	26°786
81. 1.31	3	$4^{h}59^{m}10^{s}.945$		26° 30′ 56″.21		†Z.C. δ 56″.2
2298	8.3	3.7247	+0.0105	+ 5.248	−0.526	26°787
74. 1.27	3	4 59 18.952		26 49 31.55		
79. 3. 1	3	18.767		30.04		
89. 2. 2	7	18.818		30.34		
89. 2. 7	7	18.935		30.46		
2299	9.2	3.8026	+0.0114	+ 5.238	−0.537	29°811
78. 2.18	3	4 59 26.130		29 30 19.82		Z.C. δ 18″.6
90. 2. 5	7	26.423		17.38		
2300	8.9	3.8180	+0.0115	+ 5.198	−0.540	29°813
76. 2.10	2	4 59 54.522		30 0 22.37		
92. 2.13	6	54.309		22.70		
93. 2. 4	3	54.607		21.58		
2301	9.2	3.7822	+0.0110	+ 5.190	−0.535	28°749
75. 2. 5	3	5 0 0.578		28 47 54.23		
86. 2. 9	7	0.562		53.32		
90. 2. 8	7	0.804		52.12		
90. 2.10	7	0.698		51.91		
2302	8.0	3.7068	+0.0103	+ 5.173	−0.525	26°789
74. 1.27	3	5 0 12.531		26 9 43.91		
75. 2. 1	3	12.402		42.06		
79. 3. 1	1	12.467		42.22		
91. 2.26	5	12.266		42.18		
2303	8.4	3.7652	+0.0108	+ 5.166	−0.533	28°750
73. 2.20	3	5 0 17.588		28 12 33.88		Z.C. δ 33″.1
80. 2.12	3	17.416		32.98		
80. 2.13	3	17.418		32.26		
87. 2. 1	7	17.505		33.24		
2304	9.5	3.7105	+0.0102	+ 5.142	−0.525	26°790
82. 1.24	3	5 0 34.620		26 16 58.27		
94. 1.11	7	34.134		57.88		
2305	7.0	3.7626	+0.0107	+ 5.128	−0.532	28°751
75. 2. 5	3	5 0 44.393		28 6 25.44		
76. 2.24	3	44.233		24.56		
86. 2.20	5	44.389		24.25		
2306	9.1	3.6963	+0.0100	+ 5.118	−0.523	25°783
87. 2.12	7	5 0 51.361		25 46 8.76		
91. 2.27	7	51.248		8.86		
2307	9.3	3.6677	+0.0097	+ 5.081	−0.519	24°760
88. 2. 7	5	5 1 17.839		24 43 17.12		
92. 2.16	7	17.877		15.06		
2308	8.9	3.8021	+0.0110	+ 5.074	−0.538	29°820
74. 1.30	3	5 1 22.589		29 26 4.00		
76. 2.10	3	22.585		4.09		
77. 1.25	3	22.591		4.46		w. 3 + 1^{s}
78. 2.18	3	22.530		4.07		− 1 int.
2309	8.6	3.8126	+0.0111	+ 5.064	−0.540	29°821
77. 1.27	3	5 1 29.467		29 46 57.80		
80. 2.12	3	29.607		56.39		
80. 2.21	1	29.305		55.77		*

2310 $9^m.0$ $3^s.7352$ $+0^s.0103$ $+ 5''.061$ $-0''.529$ 27°731

74. 2.11	3	5^h	1^m	$31^s.707$	27°	8′	$8''.95$	
80. 2.13	3			31.748			7.40	
82. 1.24	3			31.658			7.80	

2311 8.7 3.7879 +0.0109 + 5.059 −0.536 28°753

75. 2. 5	3	5	1	33.023	28	57	10.73	
80. 2. 4	3			33.020			9.61	
80. 2.21	3			33.039			9.67	
87. 2.16	7			32.977			10.71	
89. 2. 2	5			33.199			9.36	
89. 2. 8	5			33.043			10.38	

2312 6.5 3.8083 +0.0110 + 5.041 −0.539 29°822

80. 2. 4	3	5	1	46.363	29	38	6.77	
80. 2.10	3			46.429			6.78	
91. 2.26	6			46.335			7.36	

2313 8.6 3.7889 +0.0108 + 5.039 −0.537 28°754

80. 2 12	2	5	1	47.812	28	58	50.16	
82. 2. 2	3			47.871			50.14	
83. 1.23	3			47.875			49.74	
88 2.10	7			47.991			50.32	
89. 2. 7	7			48.016			50.22	−50′

2314 9.4 3.8235 +0.0111 + 5.031 −0.542 30°801

78. 2.18	2	5	1	53.114	30	7	53.34	Z.C. δ $52''.9$
82. 2.10	2			53.155			52.76	
83. 2.23	1			53.137			53.10	
83. 2.24	1			53.270			52.97	bad
85. 2. 7	5			53.143			52.37	v. ft.

2315 5.5 3.7565 +0.0105 + 5.029 −0.532 27°732 A

74. 2.11	3	5	1	54.393	27	52	9.23	d.l.
77. 1.30	3			54.338			9.81	
80. 2.13	3			54.364			8.39	d.s.p.
83. 2.16	3			54.288			8.99	d.s.p.
84. 2.18	3			54.292			9.15	

2316 8.5 3.7565 +0.0105 + 5.029 −0.532 27°732 B

77. 1.30	2	5	1	54.758	27	52	19.23	†

2317 9.0 3.6925 +0.0098 + 5.020 −0.523 25°786

75. 1.25	3	5	2	0.509	25	36	10.10	Z.C. δ $10''.4$
82. 2.15	3			0.480			10.57	
83. 1.30	3			0.562			10.44	

2318 9.4 3.8233 +0.0111 + 5.017 −0.542 30°802

83. 2.23	2	5	2	3.176	30	7	30.52	
85. 2. 5	5			2.960			29.62	

2319 9.3 3.6938 +0.0098 + 5.017 −0.524 25°787

82. 2.15	1	5	2	2.590	25	39	3.45	
92. 2.13	7			3.413			1.34	

Unexplained discordance in R.A.: the Oxford photographs givè approx. R.A. $5^h\ 2^m\ 2^s.7$

2320 9.1 3.7129 +0.0100 + 5.010 −0.526 26°793

86. 2.20	3	5	2	7.581	26	19	47.07	
89. 2. 9	5			7.602			46.05	

2321 8.9 3.7457 +0.0103 + 5.006 −0.531 27°733

93. 2. 4	3	5	2	10.511	27	28	59.45	
93. 2. 8	7			10.574			59.27	

2322 $7^m.3$ $3^s.7432$ $+0^s.0103$ $+ 5''.002$ $-0''.531$ 27°734

83. 2.16	2	5^h	2^m	$13^s.624$	27°	23′	$50''.38$	Z.C. α $13^s.63$
84. 2.18	1			13.771			49.38	
84. 2.21	3			13.428			49.44	
84. 2.28	3			13.690			49.52	$-0^s.1$

2323 9.0 3.7198 +0.0101 + 4.998 −0.528 26°794

74. 1.27	3	5	2	16.530	26	34	20 41	
75. 2. 1	3			16.667			18.11	
79. 2. 6	3			16.604			20.31	

2324 9.0 3.7204 +0.0101 + 4.995 −0.528 26°795

74. 1.27	3	5	2	18.644	26	35	35.81	
75. 2. 1	1			18.245			32.74	*
79. 2. 6	2			18.621			34.57	

2325 9.3 3.6746 +0.0096 + 4.983 −0.521 24°769

75. 1 25	3	5	2	27.242	24	56	39.89	Z.C. δ $41''.0$
83. 2. 6	2			27.222			41.40	
83. 2.28	1			27.333			41.75	

2326 9.0 3.6670 +0.0094 + 4.954 −0.520 24°770

87. 1.25	7	5	2	47.323	24	39	27.17	†

2327 9.1 3.8098 +0.0109 + 4.953 −0.541 29°828

74. 1.30	1	5	2	47.808	29	39	9.85	
82. 1.24	3			47.985			10.26	
83. 2. 9	3			48.210			9.78	

2328 8.3 3.7777 +0.0106 + 4.948 −0.536 28°755

75. 2. 5	3	5	2	51.868	28	34	3.74	
80. 2.10	3			51.819			3.04	
83. 2.22	3			51.731			3.68	
83. 2.24	2			51.761			4.38	
86. 2. 9	7			51.763			3.30	
90. 2. 5	7			51.764			3.65	

2329 9.5 3.8222 +0.0110 + 4.932 −0.542 30°807

74. 1.30	3	5	3	3.308	30	3	36.64	
82. 2. 2	3			3.737			36.25	
82. 2.10	2			3.440			36.45	
85. 2. 9	7			3.492			37.69	
86. 1.26	7			3.487			37.94	
86. 2. 8	6			3.569			36.60	

2330 8.3 3.6762 +0.0095 + 4.930 −0.522 24°772

75. 1.25	2	5	3	4.687	24	59	17.74	
80. 2.21	1			4.728			17.78	
83. 2.28	2			4.724			18.35	
84. 2.28	4			4.711			18.93	

2331 8.6 3.8248 +0.0110 + 4.927 −0.543 30°808

93. 2. 8	2	5	3	6.534	30	8	32.69	
93. 2.10	4			6.472			32.58	

2332 8.3 3.8093 +0.0109 + 4.923 −0.540 29°829

76. 2.10	3	5	3	9.770	29	37	33.38	Z.C. δ $33''.9$
77. 1.25	3			9.597			34.26	
78. 2.14	3			9.420			34.16	

2333 8.8 3.6687 +0.0094 + 4.921 −0.521 24°773

87. 2. 1	7	5	3	10.795	24	42	40.63	
88. 2. 7	5			10.739			41.15	

2334 9^{m}.1 3^{s}.6989 +0^{s}.0097 + 4$''$.912 −0$''$.525 25°790
87. 2.25 7 $5^{h}\,3^{m}18^{s}.462$ 25° 48′ 6$''$.24
89. 2. 8 7 17.352 6.61
Unexplained discordance in R.A.: the Oxford photographs give approx. R.A. $5^{h}\,3^{m}\,18^{s}.2$

2335 7.0 3.8079 +0.0108 + 4.906 −0.541 29°830
74. 2.19 3 5 3 21.386 29 34 19.26 Z.C. δ 19$''$.7
76. 2.10 1 21.513 18.89
78. 2.18 3 21.484 21.04

2336 9.4 3.8044 +0.0108 + 4.903 −0.540 29°831
83. 1.23 3 5 3 23.498 29 27 29.27
83. 2 22 2 23.479 29.98 − 1^{s}
85. 2. 5 4 23.598 27.51
85. 2. 7 3 23.522 29.60
85. 2.19 7 23.721 28.67

2337 8.1 3.7859 +0.0106 + 4.898 −0.537 28°757
83. 1.30 3 5 3 26.884 28 50 0.93 Z.C. δ 1$''$.6
83. 2. 9 3 26.879 2.18
84. 2.21 5 26.862 1.64

2338 6.5 3.8133 +0.0107 + 4.879 −0.542 29°833
74. 2.19 2 5 3 40.989 29 44 48.83
77. 1.27 3 40.793 49.49 + 1′
80. 2. 4 3 40.942 47.44
89. 2. 9 7 40.941 48.16

2339 9.5 3.7455 +0.0101 + 4.870 −0.532 27°736
74. 2.11 3 5 3 47.219 27 26 3.72 †

2340 9.1 3.8262 +0.0108 + 4.865 −0.544 30°815
77. 1.25 3 5 3 50.747 30 10 20.69 Z.C. δ 20$''$.3
80. 2.12 3 50.736 18.97
83. 2. 6 3 50.824 21.36

2341 9.0 3.8019 +0.0106 + 4.847 −0.540 29°834
78. 2.14 1 5 4 3.209 29 21 21.09 Z.C. δ 20$''$.3
89. 2. 7 7 3.476 19.42

2342 8.7 3.8235 +0.0108 + 4.812 −0.543 30°818
93. 2. 4 7 5 4 27.875 30 3 48.25
93. 2.10 7 27.934 47.27

2343 8.9 3.8252 +0.0108 + 4.807 −0.544 30°819
87. 2.12 5 5 4 31.397 30 6 59.51
87. 2.16 7 31.326 61.17
88. 2.10 5 31.461 61.04
89. 2.15 7 31.523 60.87

2344 7.0 3.7139 +0.0096 + 4.799 −0.528 26°796
74. 1.27 3 5 4 37.313 26 18 16.42
75. 2. 1 3 37.309 15.05
79. 2. 6 3 37.219 14.95

2345 8.7 3.7858 +0.0104 + 4.792 −0.538 28°759
75. 2. 5 3 5 4 41.743 28 47 39.42
76. 2.24 3 41.735 38.91
80. 2.13 3 41.908 37.99

2346 9.5 3.6821 +0.0093 + 4.792 −0.524 25°795
75. 1.25 2 5 4 42.077 25 9 40.23 − 1^{m}
82. 2.10 3 42.239 38.99

2347 8^{m}.9 3^{s}.7467 +0^{s}.0099 + 4$''$.788 −0$''$.533 27°737
74. 2.11 3 $5^{h}\,4^{m}45^{s}.314$ 27° 26′ 58$''$.61
77. 1.30 3 45.273 57.31
82. 1.24 3 45.233 57.50
82. 2.15 3 45.196 58.01

2348 8.4 3.7085 +0.0095 + 4.776 −0.527 26°797
74. 1.27 3 5 4 53.614 26 6 19.03 Z.C. δ 18$''$.6
78. 2. 7 3 53.687 18.38
80. 2.10 3 53.671 18.44

2349 9.0 3.7974 +0.0105 + 4.773 −0.541 29°835
74. 1.30 3 5 4 55.522 29 10 53.96
78. 2.18 3 55.462 54.57
80. 2. 4 3 55.410 52.19
80. 2.13 2 55.403 50.78

2350 9.1 3.7519 +0.0100 + 4.757 −0.533 27°738
80. 2.21 1 5 5 6.556 27 37 13.63 Z.C. δ 13$''$.6
83. 1.23 3 6.321 13.19
83. 1.30 3 6.461 13.90

2351 9.3 3.6773 +0.0092 + 4.752 −0.523 24°784
80. 2.12 3 5 5 9.804 24 58 39.86 Z.C. δ 40$''$.9
83. 2. 6 2 10.034 41.88

2352 8.9 3.8171 +0.0106 + 4.739 −0.542 29°837
76. 2.10 3 5 5 19.657 29 49 44.07
77. 1.25 3 19.527 45.88
77. 1.27 3 19.428 46.09 + 1′
86. 2. 2 5 19.595 45.94

2353 8.9 3.8017 +0.0103 + 4.698 −0.541 29°838
74. 2.19 3 5 5 48.272 29 18 8.08
80. 2. 4 2 48.100 7.82
80. 2.12 3 48.057 6.62

2354 9.2 3.7372 +0.0096 + 4.685 −0.532 27°739
74. 2.11 3 5 5 57.507 27 5 25.49
74. 2.11 2 57.687 25.74
77. 1.30 3 57.400 26.02
82. 2.10 3 57.441 25.15
83. 2. 9 3 57.472 25.71

2355 8.7 3.6817 +0.0091 + 4.683 −0.524 25°800
80. 2.10 3 5 5 59.210 25 7 8.37 Z.C. α 59^{s}.15
83. 1.30 3 59.194 7.67
83. 2.24 3 59.003 8.93 − 15′
83. 2.26 3 59.174 7.95

2356 9.0 3.6781 +0.0091 + 4.682 −0.524 24°788
75. 1.25 2 5 5 59.510 24 59 15.23
82. 2.15 3 59.432 16.35
83. 2.16 3 59.642 16.89
83. 2.22 3 59.626 17.18
83. 2.23 3 59.580 16.99
87. 1.25 7 59.546 16.92

2357 9.0 3.8204 +0.0105 + 4.675 −0.544 29°840
76. 2.10 1 5 6 4.525 29 55 5.66
92. 2.13 4 4.252 4.91
92. 2.16 6 4.533 5.26
92. 2.25 7 4.366 7.36

2358 $8^{m}9$ $3^{s}7657$ $+0^{s}0099$ $+ 4''674$ $-0''536$ 28°761

75. 2. 5	3	5^{h} 6^{m} $5^{s}350$	28° 4′ $21''98$	
76. 2.24	3	5.251	20.54	−5′
82. 2. 2	3	5.125	21.67	
83. 2.16	2	5.290	21.88	
83. 2.22	2	5.237	23.26	

2359 8.5 3.6715 +0.0090 + 4.662 −0.523 24°791

86. 2 8	5	5 6 13.970	24 44 28.08	
86. 2. 9	5	13.993	28.70	
87. 2. 1	5	14.200	28.09	

2360 9.4 3.7844 +0.0102 + 4.639 −0.539 28°763

75. 2. 5	3	5 6 29.870	28 42 5.68	
83. 2.23	3	30.004	6.37	
83. 2.28	1	30.107	6.28	ex. ft.

2361 8.5 3.8222 +0.0104 + 4.632 −0.544 29°842

74. 1.30	3	5 6 34.795	29 57 58.51	
78. 2.14	3	34.666	56.61	
78. 2.18	3	34.692	58.35	
88. 2.10	5	34.694	58 00	
89. 2. 9	7	34.662	57.23	

2362 9.0 3.7983 +0.0102 + 4.614 −0.541 29°843

74. 1.30	2	5 6 47.282	29 9 41.24	
82. 1.24	2	47.568	40.30	bad

2363 7.5 3.7004 +0.0092 + 4.613 −0.527 25°804

76. 1.25	3	5 6 47.898	25 46 9.64	ft.
76. 2.11	3	47.995	9.46	
80. 2. 4	3	47.929	9.26	
80. 2.10	3	48.098	10.13	
86. 2. 6	5	47.967	9.51	

2364 9.0 3.7962 +0.0101 + 4.579 −0.541 29°845

77. 1.25	3	5 7 12.216	29 4 58.39	
77. 1.27	3	12.136	58.79	
78. 2.14	3	12.058	57.75	
78. 2.18	3	12.012	58.10	

2365 9.1 3.7979 +0.0101 + 4.567 −0.542 29°846

76. 2.10	2	5 7 20.966	29 8 12.69	Z.C. δ $13''9$
80. 2.26	3	20.993	13.83	
82. 2.15	2	20.778	13.95	
83. 2. 6	3	20.926	14.92	
86. 2. 2	5	20.812	13.87	

2366 8.9 3.8298 +0.0104 + 4.564 −0.546 30°836

80. 2.13	3	5 7 22.607	30 11 38.89	v.ft.
82. 1.24	1	22.813	40.34	* d.l.
82. 2.10	3	22.446	40.27	s.f. of 2 Z.C. δ $39''8$

2367 9.0 3.6744 +0.0089 + 4.545 −0.524 24°797

87. 2.25	7	5 7 36.050	24 49 3.91	
89. 2. 7	7	35.956	2.80	
92. 2.18	7	36.372	2.56	
92. 2.22	5	35.855	3.23	

2368 9.0 3.6907 +0.0090 + 4.536 −0.526 25°806

75. 1.25	3	5 7 42.806	25 24 13.15	
76. 1.25	3	42.725	14.01	ft.

2369 $8^{m}9$ $3^{s}8039$ $+0^{s}0100$ $+ 4''524$ $-0''542$ 29°847

80. 2.12	3	5^{h} $7^{m}50^{s}720$	29° 19′ $24''19$	−5′ d.s.p.
80. 2.26	3	50.749	24.35	d.s.p.
82. 2. 2	3	50.679	23.56	d.s.p.
83. 1.30	3	50.741	23.34	d.s.p.

2370 Not found on revision: not found on Oxford photographs: the catalogue place is 50′ wrong: see 2370^{a}

2370^{a} 9.0 3.6530 +0.0086 + 4.523 −0.521 24°801

87. 2.12	7	5 7 51.605	24 1 46.05	

Place confirmed by Oxford photograph 94.1.23

2371 9.1 3.8259 +0.0102 + 4.499 −0.546 30°840

87. 2.16	7	5 8 8.847	30 2 50.93	
89. 2. 8	7	8.895	50.34	
89. 2.15	7	8.893	51.37	

2372 9.0 3.7357 +0.0094 + 4.497 −0.533 26°799

74. 1.27	3	5 8 9.852	26 59 12.70	
75. 2. 1	3	9.748	9.67	
77. 2.26	1	9.967	12.80	
79. 2. 6	3	9.759	11.01	

2373 8.8 3.6714 +0.0088 + 4.493 −0.524 24°803

86. 2. 8	7	5 8 12.519	24 41 42.70	
86. 2. 9	7	12.541	43.09	
91. 2.25	7	12.653	42.07	

2374 7.3 3.7026 +0.0090 + 4.487 −0.528 25°807

76. 2.11	3	5 8 17.155	25 48 47.58	
80. 2.10	3	17.172	49.11	
80. 2.13	2	17.079	47.45	ft.

2375 8.4 3.6858 +0.0089 + 4.486 −0.526 25°808

83. 1.23	3	5 8 17.561	25 12 50.02	
83. 2.16	3	17.760	51.08	
83. 2.22	3	17.624	52.75	
83. 2.23	3	17.747	52.13	
83. 2.24	3	17.655	53.01	

2376 8.8 3.8009 +0.0100 + 4.483 −0.542 29°849

74. 1.30	3	5 8 19.706	29 12 48.27	Z.C. α $19^{s}53$
77. 1.25	3	19.489	47.97	
78. 2.14	3	19.387	49.30	

2377 8.8 3.7699 +0.0097 + 4.480 −0.538 28°766

75. 2. 5	3	5 8 21.726	28 9 36.14	Z.C. δ $36''3$
83. 2. 6	3	21.713	35.93	
83. 2.26	3	21.749	36.83	

2378 9.0 3.7940 +0.0098 + 4.480 −0.541 28°767

82. 2.15	3	5 8 22.033	28 58 49.48	
83. 2. 9	2	22.248	49.58	v. ft.
83. 2.28	1	22.183	50.15	

2379 9.1 3.7448 +0.0093 + 4.463 −0.534 27°742

87. 2. 1	7	5 8 33.743	27 17 48.34	
90. 2. 5	3	33.865	48.87	
91. 2.27	6	33.507	49.48	−5′

2380	$9^{m}.0$	$3^{s}.7568$	$+0^{s}.0096$	$+ 4''.463$	$-0''.536$	27°743
74. 2.11	3	$5^{h}\ 8^{m}\ 34^{s}.208$	27° 42′ 31″.36			
77. 1.30	3	34.353	31.15			
79. 2.24	3	34.101	30.40			
2381	9.1	3.8017	+0.0098	+ 4.462	−0.542	29°850
87. 1.25	4	5 8 34.560	29 14 2.42			
88. 2.10	5	34.600	2.40			
91. 2.24	7	34.424	2.98			
2382	8.6	3.7355	+0.0093	+ 4.458	−0.533	26°800
74. 1.27	3	5 8 37.757	26 57 58.14			
75. 2. 1	3	37.701	55.90			
77. 2.26	3	37.690	56.39			
79. 2. 6	3	37.616	56.27			
2383	9.2	3.6872	+0.0088	+ 4.456	−0.526	25°809
88. 2. 7	5	5 8 38.771	25 15 32.51			
90. 2. 8	7	38.679	33.25			
90. 2.10	7	38.829	31.48			
2384	8.3	3.7668	+0.0095	+ 4.453	−0.538	28°769
76. 2.24	3	5 8 41.167	28 2 50.46			v. ft.
80. 2. 4	3	41.228	48.78			
80. 2.10	2	41.069	50.33			
2385	9.0	3.7824	+0.0096	+ 4.444	−0.540	28°770
80. 2.12	3	5 8 47.111	28 34 29.64			
80. 2.26	2	47.297	29.96			
92. 2.13	7	47.227	31.19			
2386	9.5	3.7136	+0.0090	+ 4.426	−0.530	26°801
78. 2. 7	3	5 9 0.033	26 11 28.21			ex. ft.
82. 2.10	3	0.021	25.55			Z.C. δ 26″.4
83. 2.23	2	0.116	25.38			
2387	9.5	3.7830	+0.0096	+ 4.423	−0.540	— —
83. 2.26	2	5 9 2.188	28 35 35.59			ex. ft. bad †
2388	8.8	3.7533	+0.0094	+ 4.422	−0.536	27°744
77. 1.30	3	5 9 2.592	27 34 31.36			
82. 2. 2	3	2.654	32.61			
83. 2.16	3	2.493	31.56			
83. 2.22	3	2.469	32.66			
2389	8.9	3.6799	+0.0087	+ 4.400	−0.525	24°807
86. 2. 2	7	5 9 18.365	24 58 41.27			
86. 2.20	7	18.374	39.91			
89. 2. 7	5	18.380	39.95			
2390	6.5	3.7883	+0.0096	+ 4.396	−0.541	28°772
75. 2. 5	3	5 9 21.046	28 45 51.73			Z.C. δ 51″.5
81. 2.28	1	21.325	49.44			
83. 1.30	3	21.280	51.13			
86. 2. 6	7	21.401	53.62			
2391	9.0	3.7439	+0.0092	+ 4.393	−0.534	27°745
74. 2.11	3	5 9 23.221	27 14 34.48			
79. 2.24	2	23.282	33.40			
82. 2.15	1	23.480	34.56			
91. 2.26	7	23.373	33.82			

2392	$8^{m}.7$	$3^{s}.7550$	$+0^{s}.0093$	$+ 4''.382$	$-0''.537$	27°746
74. 2.11	1	$5^{h}\ 9^{m}\ 31^{s}.050$	27° 37′ 28″.49			*
82. 1.24	3	30.605	26.90			
83. 1.23	3	30.644	26.29			
2393	8.9	3.7071	+0.0089	+ 4.368	−0.530	25°812
75. 1.25	3	5 9 40.811	25 56 33.81			d. n. p.
76. 1.25	2	40.901	33.52			v. ft.
76. 2.11	2	40.986	34.22			
89. 2. 9	7	40.858	33.38			
2394	9.5	3.7533	+0.0092	+ 4.324	−0.536	27°748
83. 2.23	2	5 10 11.645	27 33 7.63			
84. 2.21	2	11.711	7.58			
2395	9.1	3.6791	+0.0086	+ 4.315	−0.526	24°810
75. 1.25	2	5 10 17.657	24 55 39.52			
76. 2.11	3	17.694	39.14			v. ft.
80. 2. 4	3	17.490	39.67			
2396	7.3	3.7855	+0.0094	+ 4.309	−0.541	28°773
76. 2.24	3	5 10 22.167	28 38 35.76			
80. 2.10	3	22.079	36.05			
80. 2.12	3	21.992	34.34			
2397	9.2	3.7899	+0.0093	+ 4.305	−0.542	— —
75. 2. 5	3	5 10 24.989	28 47 39.41			† ex. ft.
2398	9.2	3.8299	+0.0098	+ 4.296	−0.547	30°850
74. 1.30	3	5 10 31.159	30 7 14.72			
74. 2.19	3	31.226	14.53			ft.
76. 2.10	3	30.900	15.89			
2399	8.9	3.8185	+0.0098	+ 4.289	−0.546	29°858
76. 2.10	2	5 10 36.093	29 44 26.78			Z.C. δ 27″.5
77. 1.25	3	36.128	27.38			
78. 2.14	3	35.984	28.38			
2400	8.8	3.7893	+0.0094	+ 4.274	−0.542	28°774
75. 2. 5	3	5 10 46.882	28 45 45.17			
80. 2. 4	3	46.886	43.70			
80. 2.26	3	46.844	43.95			
2401	8.4	3.7654	+0.0092	+ 4.267	−0.539	27°750
74. 2.11	2	5 10 51.321	27 57 15.71			
77. 1.30	3	51.269	15.87			
79. 2.24	2	50.950	15.19			*
2402	8.7	3.8139	+0.0096	+ 4.267	−0.545	29°860
74. 1.30	2	5 10 51.841	29 35 8.71			$+1^{s}$
74. 2.19	3	51.717	7.73			
78. 2.18	3	51.661	8.75			
88. 2. 7	7	51.757	8.18			
2403	9.5	3.7978	+0.0094	+ 4.267	−0.543	29°861
84. 2.28	2	5 10 51.494	29 2 51.16			ex. ft. -1^{s}.
96. 1.15	7	51.320	50.70			
96. 1.17	7	51.200	48.98			
96. 1.28	7	51.315	47.83			

See Zone Catalogue, page 306

2404	9.5	3.7980	+0.0094	+ 4.264	−0.543	29°862
82. 2. 2	3	5 10 54.011	29 3 6.78			
82. 2.10	3	53.998	6.17			
83. 2.24	3	53.762	7.04			
84. 2.18	5	53.840	7.30			

2405	$9^{m}.2$	$3^{s}.8328$	$+0^{s}.0097$	$+\,4''.218$	$-0''.548$	30°857
74. 2.19	2	$5^{h}11^{m}25^{s}.842$	$30^{\circ}\,11'\,36''.83$			
77. 1.25	2	25.756	39.84			
77. 1.27	3	25.684	39.92			

2406	8.7	3.7862	+0.0092	+ 4.198	−0.542	28°776
76. 2.24	3	5 11 39.672	28 38 23.92			
80. 2.10	3	39.771	23.40			
80. 2.12	3	39.543	22.93			
86. 2. 2	5	39.647	24.56			

2407	9.4	3.8079	+0.0095	+ 4.193	−0.545	29°864
74. 1.30	1	5 11 43.571	29 22 2.78	Z.C. δ 3″.2		
78. 2.14	3	43.452	3.48			
78. 2.18	3	43.465	3.38			

2408	9.0	3.7693	+0.0090	+ 4.167	−0.539	28°777
80. 2 4	3	5 12 2.059	28 3 21.71			
80. 2.26	3	2.194	23.25			
82. 1.24	3	1.950	23.23			
82. 2.15	3	2.048	23.30			
86. 2. 6	5	2.131	21.44			

2409	8.6	3.7137	+0 0085	+ 4.167	−0.532	26°805
74. 1.27	3	5 12 2.030	26 7 34.29	Z.C. δ 33″.3		
75. 2. 1	3	2.146	32.06			
77. 2.26	3	2.146	33 59			

2410	9.0	3.6835	+0.0083	+ 4.166	−0.527	25°816
86. 2. 8	7	5 12 2.627	25 3 5.32	s. f.		
86. 2. 9	7	2.649	6.36	d. s. f.		
87. 2. 1	7	2.943	4.54	s. f.		

2411	9.0	3.7372	+0.0088	+ 4.162	−0.535	26°806
75. 2. 1	2	5 12 5.372	26 57 5.11			
78. 2. 7	3	5.541	6.56			
79. 2. 6	3	5.159	6.50			

2412	8.4	3.6791	+0.0082	+ 4.126	−0.527	24°818
75. 1.25	3	5 12 30.466	24 53 3.54			
76. 2.11	3	30.554	3.08			
81. 2.28	3	30.538	4.29			
83. 2.16	3	30.507	4.22			

2413	7.9	3.6835	+0.0082	+ 4.117	−0.527	25°818
81. 2.28	2	5 12 37.261	25 2 24.33	Z.C. δ 24″.7		
82. 2.10	3	37.100	24.84	d.p.		
83. 1.30	3	37.056	24.89			

2414	9.0	3.7661	+0.0089	+ 4.108	−0.540	27°755
74. 2.11	3	5 12 43.449	27 56 12.04	Z.C. δ 11″.9		
77. 1.30	3	43.496	12.09			
79. 2.24	3	43.423	10.45			
89. 2. 9	7	43.685	12.94			

2415	8.4	3.7906	+0.0091	+ 4.097	−0.543	28°779
75. 2. 5	3	5 12 50.449	28 45 44.85			
76. 2.24	3	50.518	44.56	v. ft.		
80. 2.26	3	50.574	43.44			

2416	9.2	3.7360	+0.0087	+ 4.084	−0.535	26°807
74. 1.27	3	5 12 59.724	26 53 23.41			
77. 2.26	3	59.819	22.41			
78. 2. 7	3	59.978	22.02			
79. 2. 6	3	59.660	22.72			

2417	$6^{m}.5$	$3^{s}.7632$	$+0^{s}.0089$	$+\,4''.072$	$-0''.539$	27°758
79. 2.24	1	$5^{h}13^{m}\,8^{s}.546$	$27^{\circ}\,49'\,38''.92$			
80. 2. 4	3	8.385	39.63			
80. 2.10	3	8.594	41.59			
89. 2. 7	7	8.509	40.21			

2418	8.5	3.6996	+0.0083	+ 4.070	−0.530	25°820
75. 1.25	2	5 13 9.896	25 36 16.44			
76. 2.11	3	9.853	15.72			
82. 2. 2	3	9.955	16.38			
82. 2.15	2	9.751	17.17			

2419	9.0	3.7684	+0.0089	+ 4.069	−0.540	27°759
80. 2.12	3	5 13 10.373	28 0 10.28			
82. 1.24	3	10.546	10.55			
82. 2.15	3	10.268	10.46			
82. 2.24	2	10.638	11.16			
83. 1.30	2	10.529	11.00			

2420	6.0	3.8112	+0.0092	+ 4.062	−0.546	29°869
76. 2.10	3	5 13 15.707	29 26 26.56			
77. 1.25	3	15.744	26.40			
77. 1.25	3	15.724	26.44			
77. 1.27	3	15.579	26.81			

2421	9.0	3.7485	+0.0086	+ 4.013	−0.537	27°762
74. 2.11	3	5 13 49.585	27 18 15.72			
77. 1.30	3	49.512	15.04			
80. 2.12	3	49.380	13.97			
82. 2.10	3	49.444	14.32			
86. 2. 2	5	49.517	15.52			

2422	9.1	3.8189	+0.0091	+ 3.997	−0.547	29°871
74. 1.30	3	5 14 0.537	29 40 45.18	Z.C. δ 45″.9		
74. 2.19	3	0.539	44.48			
78. 2.14	3	0.221	47.09	+ 15′		
78. 2.18	3	0.453	46.84			

2423	8.8	3.7380	+0.0085	+ 3.975	−0.536	26°809
74. 1.27	3	5 14 16.428	26 55 48.03			
75. 2. 1	3	16.450	47.07			
77. 2.26	3	16.477	47.91			
78. 2. 7	3	16.560	48.68			
79. 3. 1	3	16.675	48.46			
84. 2.18	3	16.707	47.78			
86. 2. 6	5	16.466	47.39			

2424	8.9	3.8030	+0.0089	+ 3.949	−0.545	29°874
74. 1.30	3	5 14 34.260	29 8 19.29	Z.C. δ 19″.8		
78. 2.14	3	34.219	19.74			
78. 2.18	3	34.341	20.33	d. n. p.		

2425	8.8	3.7686	+0.0086	+ 3.937	−0.541	27°765
75. 2. 3	3	5 14 43.108	27 58 39.12			
77. 1.30	3	43.067	38.26			
79. 2.24	3	43.076	38.15			

2426	8.8	3.7793	+0.0087	+ 3.929	−0.542	28°782
75. 2. 5	3	5 14 48.047	28 20 12.09			
80. 2.10	3	48.055	12.27			

2427	8.6	3.7878	+0.0087	+ 3.919	−0.543	28°783
75. 2. 5	3	5 14 55.096	28 37 29.38			
80. 2.26	3	54.820	29.03			
81. 2.28	3	55.046	29.41			
82. 2.15	3	55.025	29.96			

2428	**$7^m.5$**	**$3^s.8174$**	**$+0^s.0090$**	**$+ 3''.909$**	**$-0''.547$**		**29°876**
77.	1.27	3	$5^h\,15^m$	$2^s.375$	29° 36′	$23''.30$	
79.	3. 6	3		2.543		20.92	
80.	2. 4	3		2.364		21.86	
80.	2.10	3		2.375		21.99	
2429	**8.1**	**3.7982**	**+0.0088**	**+ 3.905**	**−0.545**		**28°785**
80.	2.13	3	5 15	5.103	28 58	2.11	
83.	1.30	3		5.003		1.67	
83.	2.22	3		4.857		2.86	
2430	**9.4**	**3.7992**	**+0.0088**	**+ 3.902**	**−0.545**		**28°786**
83.	2.23	3	5 15	7.110	29 0	8.21	
87.	2. 1	7		7.289		6.44	
2431	**9.1**	**3.6832**	**+0.0079**	**+ 3.902**	**−0.528**		**24°824**
75.	1.25	3	5 15	7.488	24 58	45.15	†
76.	1 25	3		7.466		45.04	
80.	2.26	2		7.573		46.04	
83.	2.16	3		7.548		46.18	
2432	**7.3**	**3.7798**	**+0.0087**	**+ 3.900**	**−0 542**		**28°787**
76.	2.24	3	5 15	8.516	28 20	46.87	
80.	2.12	3		8.522		45.55	
81.	2 28	2		8.615		46.49	
83.	2.24	3		8.502		48.27	
83.	2.26	3		8.469		47.34	D + 10″
2433	**9.4**	**3.8325**	**+0.0091**	**+ 3.899**	**−0.549**		**30°867**
82.	2. 2	3	5 15	9 032	30 6	1.40	Z.C.δ$3''.5$
83.	2. 6	3		9.085		5.46	
83.	2. 9	3		9.176		3.62	
2434	**9.5**	**3.7383**	**+0.0084**	**+ 3.895**	**−0.536**		**26°811**
93.	2. 8	2	5 15	13.504	26 55	31.30	
93.	2.10	3		13.461		31.28	
2435	**7.0**	**3.7938**	**+0.0087**	**+ 3.872**	**−0.544**		**28°788**
76.	2.24	1	5 15	27.771	28 48	55.05	ft.
88.	2.10	7		28.072		53.22	+5′
92.	2.11	6		27.888		54.48	
92.	2.13	7		27.898		53.51	
92.	2.16	5		27.985		54.27	
92.	2.25	7		27.896		54.72	
93.	3. 9	7		27.752		53.25	
2436	**8.4**	**3.8159**	**+0.0089**	**+ 3.860**	**−0.547**		**29°878**
87.	1.25	5	5 15	36.516	29 32	49.43	
87.	2.25	7		36.563		48.82	
91.	2.26	7		36.467		49.41	
2437	**9.0**	**3.8334**	**+0.0089**	**+ 3.839**	**−0.550**		**30°871**
74.	2.19	3	5 15	51.491	30 6	57.23	
82.	2. 2	3		51.430		55.93	
82.	2.10	3		51.436		55.65	
83.	2. 6	3		51.573		57.25	
83.	2. 9	3		51.564		55.93	
86.	2. 2	5		51.414		57.30	
87.	2.12	5		51.501		57.57	
89.	2. 9	7		51.464		56.33	
2438	**9.0**	**3.8179**	**+0.0088**	**+ 3.822**	**−0.548**		**29°880**
77.	1.25	3	5 16	3.090	29 36	12.37	
77.	1.25	3		3.120		13.32	
78.	2.14	3		3.160		13.39	
80.	2. 4	3		3.175		13.00	
2439	**$8^m.2$**	**$3^s.6799$**	**$+0^s.0077$**	**$+ 3''.797$**	**$-0''.528$**		**24°826**
86.	2. 6	5	$5^h\,16^m$	$20^s.739$	24° 50′	$26''.24$	
89.	2. 8	7		20.683		26.53	
2440	**9.0**	**3.8325**	**+0.0089**	**+ 3.785**	**−0.550**		**30°873**
82.	2.15	3	5 16	28.855	30 4	19.66	
83.	1.30	3		28.840		19.53	
2441	**9.3**	**3.8031**	**+0.0086**	**+ 3.765**	**−0.546**		**29°881**
89.	2.15	5	5 16	43.016	29 5	57.15	
92.	2.12	5		42.974		56.89	ex. ft.
92.	2.22	5		42.907		56.65	n.f. of 2
2442	**9.1**	**3.8257**	**+0.0088**	**+ 3.738**	**−0.549**		**29°883**
87.	2.16	5	5 17	2.053	29 50	19.90	
91.	2.27	7		1.893		21.52	
2443	**9.0**	**3.7965**	**+0.0085**	**+ 3 735**	**−0.545**		**28°792**
80.	2.12	3	5 17	3.926	28 52	20.87	
80.	2.13	3		4.060		21.00	
83.	2.24	3		3.780		22.83	
2444	**9.3**	**3.8050**	**+0.0085**	**+ 3.732**	**−0.547**		**29°884**
84.	2.18	4	5 17	6.221	29 9	14.92	†
2445	**8.5**	**3.8323**	**+0.0087**	**+ 3.713**	**−0.551**		**30°882**
82.	2.10	3	5 17	19.036	30 2	58.62	
83.	2.16	3		19.115		58.32	
83.	2.22	3		19.043		58.78	
83.	2.23	3		19.225		59.04	
83.	2.26	3		19.193		59.91	
83.	2.28	3		19.356		59.98	
2446	**8.4**	**3.8156**	**+0.0086**	**+ 3.711**	**−0.548**		**29°886**
77.	1.27	3	5 17	20.298	29 29	54.79	+ 1′
83.	2.23	2		20.373		52.65	
2447	**8.4**	**3.8034**	**+0.0085**	**+ 3.698**	**−0.546**		**29°888**
93.	2. 4	7	5 17	28.755	29 5	33.13	+ 5′
93.	2. 7	7		28.779		33.29	
2448	**8.9**	**3.7666**	**+0.0081**	**+ 3.676**	**−0.542**		**27°769**
79.	2.24	3	5 17	45.316	27 50	52.93	Z.C. δ $53''.2$
80.	2. 4	3		45.403		52.39	
83.	2.24	3		45.371		54.11	+ 1^m
86.	2. 2	5		45.291		53.56	
2449	**9.5**	**3.8368**	**+0.0086**	**+ 3.669**	**−0.552**		**30°889**
82.	2. 2	3	5 17	50.286	30 11	15.11	
85.	2. 5	7		50.340		12.67	
85.	2.19	7		50.189		14.15	
2450	**9.0**	**3.8353**	**+0.0086**	**+ 3.637**	**−0.552**		**30°891**
83.	1.30	3	5 18	11.954	30 7	49.11	Z.C. δ $49''.5$
93.	2. 8	4		12.119		49.98	
2451	**8.0**	**3.8275**	**+0.0085**	**+ 3.632**	**−0.550**		**29°893**
83.	2.22	3	5 18	15.591	29 52	21.92	
84.	2.21	2		15.655		20.95	
2452	**8.0**	**3.7036**	**+0.0076**	**+ 3.628**	**−0.533**		**25°828**
82.	2.15	3	5 18	18.462	25 38	43.36	
84.	2.28	4		18.677		42.66	

2453	Fundamental Star					28°795
2454	$9^{\rm m}.0$	$3^{\rm s}.7781$	$+0^{\rm s}.0081$	$+\,3''.610$	$-0''.543$	28°796
83.	2.26	2	$5^{\rm h}\,18^{\rm m}\,31^{\rm s}.404$	$28^{\circ}\,13'\,27''.65$		
85.	2. 9	7	31.214	26.66		
2455	7.0	3.8424	+0.0085	+ 3.588	−0.553	30°894
92.	2.25	7	5 18 46.723	30 21 8.15		†
2456	9.0	3.7392	+0.0078	+ 3.583	−0.538	26°817
82.	2.10	2	5 18 49.918	26 53 10.77		Z.C. Ep. 87.6
93.	2.10	5	49.871	11.18		
2457	9.0	3.8372	+0.0085	+ 3.576	−0.552	30°897
80.	2. 4	3	5 18 55.175	30 10 43.01		
83.	2.16	3	55.033	42.28		
83.	2.24	3	55.148	43.52		
2458	8.9	3.7855	+0.0081	+ 3.571	−0.545	28°798
83.	2.23	2	5 18 58.519	28 27 47.65		
84.	2.21	2	58.791	47.52		
2459	8.5	3.6905	+0.0074	+ 3.567	−0.531	25°830
82.	2. 2	3	5 19 1.017	25 10 17.39		
83.	2.22	3	0.915	18.47		+ 1′
2460	8.2	3.6829	+0.0074	+ 3.564	−0.530	24°831
87.	2.16	5	5 19 3.096	24 53 57.05		
93.	2. 8	4	2.942	59.40		
2461	8.7	3.7038	+0.0075	+ 3.561	−0.532	25°831
89.	2. 8	7	5 19 5.556	25 38 22.42		
93.	2.10	1	5.763	22.01		
2462	6.2	3.8349	+0.0084	+ 3.556	−0.552	30°898
77.	1.27	3	5 19 8.247	30 5 51.38		
84.	2.18	5	8.389	49.78		+ 1′
2463	9.1	3.8357	+0.0084	+ 3.554	−0.551	30°899
83.	1.30	3	5 19 10.176	30 7 20.93		
83.	2. 9	3	10.153	20.49		
2464	7.9	3.7572	+0.0079	+ 3.553	−0.541	27°771
79.	2.24	3	5 19 10.992	27 29 55.18		Z.C. δ $56''.8$
83.	2.26	3	11.135	56.84		
83.	2.28	3	11.158	58.42		ft.
2465	9.5	3.7388	+0.0078	+ 3.552	−0.538	26°818
84.	2.28	3	5 19 11.407	26 51 56.30		$+1^{\rm m}$ †
2466	8.0	3.8261	+0.0084	+ 3.552	−0.550	29°897
89.	2.15	5	5 19 11.471	29 48 35.56		
93.	2. 7	6	11.359	35.76		
2467	8.9	3.7276	+0.0077	+ 3.538	−0.536	26°819
79.	3 1	2	5 19 21.058	26 28 22.46		
82.	2.15	2	21.197	22.73		
83.	2.16	3	21.243	22.25		
85.	2. 7	7	21.087	21.84		
2468	8.9	3.7152	+0.0074	+ 3.481	−0.535	26°821
74.	1.27	2	5 20 0.908	26 1 45.99		
75.	2. 1	3	0.917	44.37		
77.	2.26	3	0.874	44.85		
86.	2. 2	5	1.003	45.15		

2469	$9^{\rm m}.2$	$3^{\rm s}.7968$	$+0^{\rm s}.0079$	$+\,3''.430$	$-0''.547$	28°804
75.	2. 5	2	$5^{\rm h}\,20^{\rm m}\,36^{\rm s}.055$	$28^{\circ}\,48'\,52''.27$		†
2470	9.1	3.7779	+0.0076	+ 3.355	−0.544	28°807
86.	3. 4	7	5 21 28.426	28 9 43.65		
88.	2.10	7	28.667	44.94		
89.	2. 8	7	28.578	46.14		
2471	9.0	3.7971	+0.0078	+ 3.347	−0.547	28°808
75.	2. 5	2	5 21 34.549	28 48 43.68		
80.	2. 4	3	34.518	42.59		$+10^{\rm s}$
80.	2.10	3	34.391	42.97		
83.	2.13	3	34.680	44.09		
2472	5.5	3.6882	+0.0070	+ 3.346	−0.532	25°839
74.	3. 7	3	5 21 34.844	25 2 47.12		d. m.
75.	1.25	3	35.059	49.62		c. d. n.
76.	1.25	3	34.961	48.81		c. d. n. f.
87.	2.16	7	34.911	45.71		c. d. m.
2473	8.7	3.7656	+0.0074	+ 3.339	−0.543	27°778
74.	2.11	3	5 21 40.010	27 44 23.74		
75.	2. 3	3	40.125	23.28		
79.	2.24	3	39.965	20.93		
2474	7.0	3.8055	+0.0077	+ 3.333	−0.548	29°909
74.	1.30	3	5 21 44.110	29 5 3.84		
74.	2.19	3	44.232	3.86		
76.	2.10	3	44.321	2.47		
78.	2.14	3	44.112	4.57		− 30′
2475	9.5	3.7863	+0.0076	+ 3.328	−0.546	28°810
80.	2.26	3	5 21 47.885	28 26 27.77		
82.	1.24	3	47.960	26.60		
82.	2.10	3	48.044	26.69		
82.	3. 1	2	47.765	29.27		
2476	8.3	3.7393	+0.0073	+ 3.316	−0.540	26°826
74.	1.27	3	5 21 56.038	26 50 2.39		
74.	2.10	3	56.111	2.94		
75.	2. 1	3	55.921	1.21		
77.	2.26	3	56.044	1.58		
79.	3. 1	3	55.951	1.39		
2477	9.0	3.7442	+0.0073	+ 3.314	−0.540	26°827
74.	2.10	2	5 21 57.184	27 0 16.11		
79.	3. 1	1	56.960	14.73		
89.	2.15	7	57.062	16.11		
2478	8.7	3.8252	+0.0078	+ 3.304	−0.552	29°910
76.	2.10	3	5 22 4.355	29 43 30.53		Z.C. δ $32''.1$
77.	1.25	3	4.266	32.13		
78.	2.14	3	4.072	33.27		
86.	2. 2	5	4.322	32.49		$+1^{\rm s}$
86.	2. 6	5	4.204	31.78		
89.	2. 7	7	4.301	32.20		
2479	7.3	3.8167	+0.0078	+ 3.298	−0.550	29°911
74.	1.30	3	5 22 8.437	29 26 49.34		d. l.
78.	2.18	3	8.413	49.57		d. s.
79.	3. 6	3	8.514	48.85		d. s.
2480	9.5	3.8356	+0.0079	+ 3.274	−0.555	30°916
74.	2.19	3	5 22 25.205	30 3 31.78		ft.
82.	2.15	3	25.308	30.93		

2481	$9^{m}.1$	$3^{s}.7623$	$+0^{s}.0074$	$+3''.269$	$-0''.542$	27°780
74. 2.11		3	$5^{h}22^{m}28^{s}.791$		$27°36'60''.96$	
75. 2. 3		3	28.685		59.97	
79. 2.24		3	28.602		58.15	
2482	8.8	3.7138	+0.0070	+3.249	−0.536	25°842
74. 3. 7		3	5 22 42.515		25 55 52.99	−1 int.
75. 1.25		3	42.497		54.05	
76. 1.25		3	42.640		51.70	
2483	8.1	3.6940	+0.0068	+3.245	−0.533	25°843
74. 3. 7		1	5 22 45.433		25 13 57.07	
76. 2.11		3	45.386		56.91	
80. 2.10		3	45.426		56.89	
80. 2.12		3	45.390		55.18	
80. 2.26		3	45.413		56.45	
83. 2.16		3	45.354		57.01	
2484	9.3	3.8366	+0.0078	+3.204	−0.553	30°918
77. 1.27		3	5 23 13.539		30 4 42.92	+1′
78. 2.14		3	13.406		43.38	Z.C. δ 42″.4
80. 2.10		3	13.652		41.70	
83. 2. 6		3	13.721		41.75	
2485	8.5	3.7299	+0.0071	+3.200	−0.538	26°829
74. 1.27		3	5 23 16.322		26 29 7.08	
74. 2.10		2	16.474		5.99	
75. 2. 1		3	16.393		5.03	
77. 2.26		2	16.138		6.45	
2486	9.1	3.8240	+0.0077	+3.192	−0.552	29°918
76. 2.10		3	5 23 22.371		29 39 52.28	v. ft.
78. 2.18		3	22.063		54.66	Z.C. δ 53″.7
79. 3. 6		3	22.227		54.23	
2487	7.4	3.7644	+0.0072	+3.178	−0.543	27°783
74. 2.11		2	5 23 31.577		27 40 18.78	
75. 2. 3		3	31.533		18.42	
79. 2.24		3	31.496		17.01	
2488	9.2	3.7219	+0.0069	+3.165	−0.538	26°831
74. 1.27		2	5 23 40.753		26 12 1.28	
79. 2. 6		3	40.748		1.44	
79. 3. 1		3	40.687		0.53	
2489	8.5	3.8144	+0.0075	+3.150	−0.551	29°921
74. 1.30		3	5 23 51.254		29 20 26.59	
74. 2.19		2	51.145		27.02	
2490	8.6	3.8017	+0.0074	+3.138	−0.549	28°813
75. 2. 5		3	5 23 59.345		28 54 61.11	Z.C. α $59^{s}.36$
80. 2.12		3	59.265		59.89	Z.C. δ 0″.7
80. 2.13		3	59.401		60.78	
83. 2.13		3	59.417		61.19	
2491	9.5	3.7563	+0.0071	+3.136	−0.543	27°785
80. 2.26		3	5 24 0.647		27 23 5.34	†
82. 2.10		3	1.199		4.88	* ex. ft.
82. 2.15		3	0.844		5.63	
2492	7.7	3.7332	+0.0070	+3.124	−0.539	26°834
75. 2. 1		3	5 24 9.319		26 35 17.63	
79. 2. 6		3	9.387		19.02	
80. 2.25		3	9.392		19.86	−1 int.
83. 2.16		3	9.445		18.64	
86. 2. 6		7	9.331		18.38	

2493	$9^{m}.5$	$3^{s}.7583$	$+0^{s}.0071$	$+3''.117$	$-0''.543$	27°786
75. 2. 3		2	$5^{h}24^{m}14^{s}.314$		$27°27'8''.04$	†
2494	7.9	3.8074	+0.0074	+3.111	−0.550	29°923
74. 2.19		3	5 24 18.005		29 6 1.40	
78. 2.18		3	17.944		2.81	
79. 3. 6		3	18.155		1.25	
2495	8.9	3.6852	+0.0067	+3.110	−0.532	24°846
86. 2. 9		5	5 24 18.952		24 53 48.12	
88. 2. 7		5	19.129		49.47	
89. 2. 8		7	19.217		49.19	
89. 2. 9		5	19.198		48.97	
2496	8.8	3.6852	+0.0066	+3.094	−0.533	24°847
86. 2.20		2	5 24 29.779		24 53 38.11	−5′
86. 3. 4		5	29.785		37.87	
2497	8.6	3.8139	+0.0074	+3.084	−0.551	29°924
87. 2. 1		7	5 24 36.730		29 18 39.07	
87. 2. 8		7	36.635		39.80	
87. 2.12		7	36.576		38.23	
89. 2.15		5	36.641		38.33	
2498	7.2	3.7421	+0.0069	+3.080	−0.541	26°835
74. 1.27		2	5 24 39.505		26 53 13.76	†
74. 2.10		3	39.525		12.67	
77. 2.26		3	39.437		12.92	
2499	8.7	3.7225	+0.0067	+3.064	−0.538	26°838
79. 3. 1		3	5 24 50.507		26 12 18.80	
80. 2.10		3	50.554		18.02	
80. 2.12		3	50.633		16.66	
2500	9.0	3.7365	+0.0068	+3.059	−0.540	26°839
75. 2. 1		3	5 24 54.513		26 41 38.19	
90. 2. 3		7	54.593		38.68	
90. 2.22		6	54.510		40.55	
2501	8.2	3.7355	+0.0068	+3.052	−0.540	26°841
77. 2.26		3	5 24 59.371		26 39 10.48	Z.C. δ 11″.0
80. 2.26		3	59.238		10.89	
81. 2.28		3	59.274		11.71	
2502	8.5	3.7821	+0.0071	+3.047	−0.546	28°818
75. 2. 5		3	5 25 2.713		28 14 37.91	
80. 2.13		3	2.798		37.43	
82. 2.15		3	2.844		38.20	
83. 2.16		3	2.668		37.18	−20′
2503	8.0	3.7111	+0.0067	+3.031	−0.536	25°852
74. 3. 7		3	5 25 13.374		25 48 2.26	
75. 1.25		3	13.397		3.41	
76. 1.25		3	13.353		2.04	
83. 2.26		3	13.369		3.44	
2504	9.0	3.7692	+0.0070	+3.008	−0.545	27°789
87. 2.16		5	5 25 30.078		27 48 46.62	Z.C. δ 48″.4
87. 2.17		5	30.125		49.31	
91. 2.26		7	29.912		49.32	

2505	9^{m}3	3^{s}8074	+0^{s}0072	+ 2″997	−0″550	29°929
74.	1.30	3	5^{h}25^{m}37^{s}052	29° 4′ 48″33		Z.C. δ 49″1
74.	2.19	3	37.076	48.84		
77.	1.25	3	37.228	49.14		
78.	2.14	3	36.958	50.55		
78.	2.18	3	37.078	48.77		
2506	9.0	3.6994	+0.0065	+ 2.981	−0 535	25°857
87.	2.25	5	5 25 48.384	25 22 51.87		ft.
89.	2. 7	7	48.343	51.35		
91.	2.27	7	48.103	51.86		
2507	9.5	3.7309	+0.0066	+ 2.978	−0.539	26°845
79.	2. 6	2	5 25 50.425	26 28 50.28		
93.	2. 7	4	50.362	51.42		
2508	9.0	3.7302	+0.0066	+ 2.975	−0.539	26°846
74.	1.27	2	5 25 52.628	26 26 37.09		
74.	2.10	3	52.517	35.58		
75.	2. 1	2	52.548	35.91		
77.	2.26	2	52.427	37.86		
2509	9.0	3.7287	+0.0066	+ 2.961	−0.539	26°847
80.	2.25	3	5 26 2.071	26 24 11.68		
81.	2.26	5	1.961	10.57		
89.	2. 9	5	2.046	10.72		
2510	9.2	3.7257	+0.0066	+ 2.959	−0.539	26°848
82.	2.10	3	5 26 3.991	26 17 58.75		
82.	2.15	3	3.808	60.40		
2511	8.0	3.7481	+0.0067	+ 2.956	−0.542	27°791
74.	2.11	3	5 26 5.495	27 4 22.92		
75.	2. 3	3	5.555	23.21		
77.	1.30	2	5.452	23.84		
2512	8.9	3.7962	+0.0070	+ 2.954	−0.549	28°821
75.	2. 5	2	5 26 7.373	28 41 61.40		
90.	3. 3	7	7.636	57.99		
2513	9.2	3.8297	+0.0073	+ 2.944	−0.554	29°930
86.	2. 9	5	5 26 14.069	29 48 14.75		
91.	2.23	5	14.411	15.64		
91.	2.25	7	14.340	14.43		
2514	9.4	3.7887	+0.0070	+ 2.931	−0.548	28°822
83.	2. 6	3	5 26 23.315	28 26 41.74		Z.C. δ 42″3
83.	2.13	3	23.358	42.80		
83.	2.22	2	23.117	42.39		
2515	7.7	3.7401	+0.0067	+ 2.929	−0.541	26°850
76.	2.15	3	5 26 24.782	26 47 31.49		
80.	2.10	3	24.768	32.03		
80.	2.12	3	24.758	30.68		
81.	2.28	3	24.838	31.23		− 1 int.
2516	9.3	3.7603	+0.0068	+ 2.926	−0.544	27°793
79.	2.24	2	5 26 26.296	27 29 8.45		Z.C. δ 8″9
80.	2.13	1	26.415	8.87		
83.	1.30	3	26.370	9.26		
2517	7.9	3.7532	+0.0067	+ 2.918	−0.543	27°794
77.	1.30	2	5 26 32.504	27 14 29.48		
79.	2.24	2	32.187	27.30		
79.	3. 3	3	32 410	28.98		
2518	9^{m}2	3^{s}8109	+0^{s}0070	+ 2″916	−0″551	29°932
77.	1.27	3	5^{h}26^{m}33^{s}169	29° 10′ 51″12		†
2519	9.3	3.7888	+0.0068	+ 2.904	−0.548	28°823
83.	2. 6	3	5 26 41.345	28 26 39.73		
83.	2.13	3	41.346	41.11		
83.	2.22	2	41.356	41.27		
2520	9.1	3.6825	+0.0063	+ 2.899	−0.533	24°862
86.	3. 4	7	5 26 44.963	24 45 51.43		
88.	2. 7	7	44.957	52.30		
2521	8.1	3.7699	+0.0068	+ 2.897	−0.545	27°799
74.	2.11	3	5 26 46.640	27 48 28.54		w. 4. 5. − 10^{s}
77.	1.30	2	46.712	27.50		
82.	2.24	3	46.782	27.36		
83.	2.23	2	46.761	27.67		
89.	2 15	5	46.693	27.94		
2522	8.1	3.7746	+0.0068	+ 2.897	−0.546	27°798
80.	2.25	3	5 26 46.820	27 57 44.82		+ 1^{m}
82.	3. 1	3	46.919	43.54		
83.	1.30	3	46.925	43.46		
83.	2.16	3	46.735	43.95		
2523	9.0	3.8123	+0.0069	+ 2.880	−0.551	29°935
74.	1.30	3	5 26 58.734	29 13 12.90		+ 1 int.
74.	2.19	3	58.650	13.74		
76.	2.10	3	58.859	13.60		
77.	1.25	3	58.690	13.83		
84.	2.18	3	58.769	13.13		
2524	8.5	3.7117	+0.0064	+ 2.868	−0.537	25°863
74.	3. 7	3	5 27 6.731	25 47 47.17		
75.	1.25	3	6.826	47.81		
76.	1.25	3	6.771	46.26		
83.	2.16	3	6.783	46.82		
2525	9.5	3.8406	+0.0071	+ 2.866	−0.555	30°943
78.	3. 4	3	5 27 8.235	30 8 35.80		
82.	2.10	1	8.590	33.69		
89.	2. 8	5	8.325	33.54		
2526	8.0	3.7432	+0.0066	+ 2.863	−0.542	26°856
74.	1.27	3	5 27 10.183	26 53 16.48		
80.	2.12	3	9.986	15.07		
82.	2.15	3	9.958	15.98		− 1′
2527	8.8	3.7312	+0.0065	+ 2.853	−0.540	26°858
79.	3. 1	3	5 27 17.088	26 28 14.07		
82.	2.24	3	17.195	13.88		
83.	2.23	2	17.254	14.99		
2528	9.5	3.8115	+0.0069	+ 2.848	−0.551	29°936
74.	1.30	3	5 27 20.731	29 11 10.72		Z.C. δ 11″2
78.	2.14	3	20.659	11.64		
2529	9.5	3.8413	+0.0071	+ 2.846	−0.556	— —
80.	2.26	3	5 27 21.971	30 9 36.28		†
2530	8.9	3.7590	+0.0066	+ 2.841	−0.544	27°802
79.	2.24	2	5 27 25.392	27 25 39.33		
79.	3. 3	3	25.447	40.47		

2531	$9^{m}.1$	$3^{s}.7138$	$+0^{s}.0063$	$+2''.840$	$-0''.537$	25°865
87. 2.12	5	$5^{h}27^{m}25^{s}.969$	$25^{\circ}51'35''.83$			
90. 2. 3	7	26.127	33.70			
2532	9.2	3.7681	+0.0066	+ 2.834	−0.545	27°803
87 2.16	5	5 27 30.490	27 44 2.82			
87. 2.17	5	30.798	3.59			+ 5′
2533	7.8	3.7104	+0.0063	+ 2.830	−0.537	25°866
76. 2.11	3	5 27 33.021	25 44 33.94			
80. 2.10	3	33.187	33.54			
81. 2.28	3	33.207	32.79			
2534	8.6	3.6877	+0.0062	+ 2.816	−0.534	24°869
87. 2.25	5	5 27 42 546	24 56 11.40			
91. 2.24	7	42.444	11.18			
2535	8.9	3.7117	+0.0063	+ 2.805	−0.537	25°868
75. 1.25	3	5 27 50.571	25 47 7.61			
80. 2.10	2	50.490	7.85			
83. 2.24	3	50.429	8.02			
83. 2.26	3	50.566	7.94			
2536	9.0	3.6949	+0.0062	+ 2.790	−0.535	25°872
83. 1.30	3	5 28 0.620	25 11 21.68			Z.C. δ 23″.0
83. 2 23	2	0.521	24.05			
91. 2.27	7	0.507	23.20			
2537	7.1	3.7638	+0.0065	+ 2.784	−0.545	27°806
77. 1.30	3	5 28 4.780	27 34 42.46			
79. 3. 3	3	4.935	43.15			
83. 2. 9	3	4.955	42.80			
2538	9.1	3.6851	+0.0062	+ 2.778	−0.533	24°871
87. 2.26	5	5 28 8.784	24 50 17.65			
89. 2. 7	7	8.962	16.67			
89. 2. 9	5	8.793	17.01			
2539	9.0	3.7162	+0.0063	+ 2.770	−0.538	25°875
83. 2.24	3	5 28 14.356	25 55 56.76			
83. 2.26	3	14.324	56.82			
2540	8.4	3.7233	+0.0063	+ 2.767	−0.539	26°864
75. 2. 1	3	5 28 17.025	26 11 1.97			
79. 2. 6	3	16.993	2.00			
82. 2.15	3	16.803	4.29			
82. 2.24	1	16.983	2.38			
2541	9.2	3.7204	+0.0062	+ 2.765	−0.538	26°865
91. 2.23	5	5 28 18.402	26 4 55.51			
91. 2.26	7	18.349	55.13			
2542	8.2	3.7260	+0.0062	+ 2.744	−0.539	26°866
79. 3. 1	3	5 28 32.924	26 16 26.06			
80. 2.12	3	33.010	26.61			
81. 2.28	3	33.103	26.63			
2543	9.1	3.8045	+0.0067	+ 2.735	−0.551	28°829
83. 2.13	3	5 28 38.785	28 56 14.26			
84. 2.28	4	38.827	11.13			
85. 2. 9	5	38.642	13.13			
2544	$6^{m}.6$	$3^{s}.7142$	$+0^{s}.0061$	$+2''.725$	$-0''.537$	25°879
84. 2.18	3	$5^{h}28^{m}45^{s}.410$	$25^{\circ}51'22''.12$			
84. 2.21	3	45.510	22.16			
85. 2.25	5	45.363	22.95			
85. 2.27	5	45.520	22.38			
2545	8.5	3.7042	+0.0061	+ 2.725	−0.536	25°878
83. 2.23	2	5 28 45.608	25 30 18.15			
85. 2. 5	7	45.537	15.02			
85. 2. 7	7	45.444	16.89			
2546	8.5	3.7715	+0.0065	+ 2.722	−0.546	27°811
83. 2. 9	3	5 28 48.055	27 49 44.36			
83. 2.16	3	47.970	43.56			
83. 2.24	2	47.932	45.26			
85. 2.19	7	47.976	43.98			
2547	8.8	3.6920	+0.0060	+ 2.710	−0.534	25°881
83. 2.22	3	5 28 55.991	25 4 21.14			
85. 2.20	7	55.992	18.42			
86. 1.26	5	55.939	18.90			
86. 2. 8	5	56.002	18.00			
2548	8.8	3.8136	+0.0066	+ 2.703	−0.552	29°941
77. 1.25	3	5 29 1.106	29 13 57.35			
77. 1.25	2	1.076	56.67			
78. 3. 4	3	1.154	56.70			
83. 2.26	1	1.236	56.68			
87. 2.12	5	1.360	56.58			
2549	9.3	3.7163	+0.0061	+ 2.698	−0.538	25°883
82. 2.10	3	5 29 4.188	25 55 31.79			
89. 2. 8	7	4.145	31.92			
2550	9.1	3.7801	+0.0065	+ 2.695	−0.547	28°831
89. 2.15	5	5 29 6.332	28 7 3.95			†
Observations during revision give α $0^{s}.8$ greater						
2551	6.7	3.7428	+0.0062	+ 2.675	−0.542	26°870
75. 2. 1	3	5 29 20.567	26 50 36.12			
84. 2.21	5	20.415	38.31			
85. 3. 5	7	20.551	38.38			
2552	9.3	3.7529	+0.0062	+ 2.665	−0.544	27°815
80. 2.12	3	5 29 27.128	27 11 12.54			
85. 3. 4	4	27.311	14.72			v. ft.
2553	9.2	3.7185	+0.0060	+ 2.637	−0.539	25°886
91. 2.25	7	5 29 46.439	25 59 40.89			†
2554	8.8	3.7529	+0.0061	+ 2.630	−0.544	27°818
79. 2.24	3	5 29 51.237	27 11 28.80			
93. 2. 4	7	51.202	27.29			
2555	8.3	3.7227	+0.0060	+ 2.626	−0.539	26°876
75. 2. 1	3	5 29 54.095	26 8 15.56			
79. 2. 6	3	54.132	18.30			
82. 2.15	3	54.001	17.12			
83. 2.24	3	54.111	17.90			
2556	9.2	3.7110	+0.0060	+ 2.617	−0.538	25°887
87. 2.16	5	5 30 0.306	25 43 46.43			
87. 2.17	5	0.373	47.21			

2557	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.7168$	$+0^{\mathrm{s}}.0060$	$+2''.607$	$-0''.539$	25°888
82. 2.10	3	$5^{\mathrm{h}}30^{\mathrm{m}}7^{\mathrm{s}}.627$	$25°55'57''.72$			
83. 1.30	3	7.493	57.94			
83. 2.23	2	7.625	57.75			
2558	9.0	3.7054	+0.0059	+ 2.600	−0.537	25°890
83. 2.16	3	5 30 12.191	25 31 52.04			
83. 2.22	3	12.294	52.42			
84. 2.28	4	12.372	50.65			
2559	8.9	3.7432	+0.0060	+ 2.576	−0.542	26°879
79. 3. 1	3	5 30 29.053	26 50 24.42			
81. 2.28	3	29.122	24.31			
85. 2. 9	5	29.032	25.89			
2560	8.9	3.8424	+0.0065	+ 2.554	−0.557	30°964
78. 3. 4	3	5 30 44.209	30 8 51.21			
80. 2.12	3	44.300	50.24			
83. 2.26	3	44.390	52.04			
2561	9.3	3.7769	+0.0062	+ 2.549	−0.548	27°820
83. 2. 9	3	5 30 47.065	27 59 16.44			†
2562	9.1	3.6882	+0.0057	+ 2.549	−0.535	24°897
91. 2.24	7	5 30 47.315	24 54 59.56			
91. 2.27	5	47.071	59.14			
2563	9.3	3.7756	+0.0062	+ 2.544	−0.548	27°822
79. 2.24	3	5 30 50.969	27 56 15.20			
79. 3. 3	3	51.123	16.33			
83. 2.13	1	51.171	17.75			
2564	9.5	3.6886	+0.0057	+ 2.543	−0.535	24°898
89. 2.15	5	5 30 51.439	24 55 32.29			†
2565	8.2	3.7889	+0.0062	+ 2.525	−0.550	28°836
87. 2.12	5	5 31 4.048	28 23 4.16			
91. 2.26	7	4.090	4.31			
2566	8.9	3.7260	+0.0059	+ 2.519	−0.540	26°883
83. 2.24	3	5 31 8.453	26 14 25.11			
84. 2.28	4	8.605	22.86			
85. 2.25	7	8.502	24.38			
85. 2.27	5	8.499	23.50			
2567	6.8	3.7348	+0.0059	+ 2.516	−0.541	26°884
75. 2. 1	3	5 31 10.007	26 32 32.11			†
79. 2. 6	3	10.088	33.35			
79. 3. 1	3	10.007	34.36			
2568	8.1	3.8404	+0.0065	+ 2.509	−0.556	30°966
82. 2.15	3	5 31 14.749	30 4 32.17			$+1^{\mathrm{s}}$
83. 2.16	3	14.812	31.38			
83. 2.23	2	15.041	31.19			
83. 2.28	3	14.909	32.94			
2569	9.0	3.7753	+0.0062	+ 2.509	−0.548	27°823
79. 2.24	2	5 31 15.046	27 55 32.73			
79. 3. 3	3	15.246	33 41			
2570	6.2	3.8119	+0.0063	+ 2.500	−0.552	29°947
77. 1.27	3	5 31 21.363	29 8 27.89			+5′.
83. 1.30	3	21.487	25.62			Z.C. α $21^{\mathrm{s}}.39$
84. 2.18	5	21.320	26.58			

2571	$8^{\mathrm{m}}.3$	$3^{\mathrm{s}}.8307$	$+0^{\mathrm{s}}.0064$	$+2''.486$	$-0''.556$	29°949
77. 1.25	3	$5^{\mathrm{h}}31^{\mathrm{m}}30^{\mathrm{s}}.715$	$29°45'33''.24$			
77. 1.25	2	30.935	35.04			
78. 3. 4	3	30.652	35.29			
81. 2.28	3	30.730	33.69			
2572	8.7	3.6977	+0.0056	+ 2.459	−0.536	25°901
74. 3. 7	3	5 31 49.293	25 14 21.85			
88. 3. 2	7	49.363	20.99			
2573	8.7	3.7691	+0.0060	+ 2.454	−0.547	27°828
89. 2. 8	7	5 31 52.932	27 42 27.21			
93. 2. 7	7	52.834	27.86			
2574	8.2	3.8388	+0.0063	+ 2.449	−0.557	30°970
85. 3. 5	4	5 31 56.404	30 0 48.86			
87. 2.16	5	56.485	47.44			
87. 2.17	5	56.511	48.57			
2575	5.5	3.7145	+0.0057	+ 2.445	−0.538	25°902
77. 3. 5	2	5 31 59.697	25 49 29.80			
80. 2.12	3	59.571	27.97			
83. 2.13	3	59.509	29.81			
2576	9.5	3.7155	+0.0057	+ 2.432	−0.538	25°904
82. 2.10	3	5 32 8.644	25 51 44.28			
83. 2.22	3	8.533	44.97			
85. 2. 5	7	8.598	42.26			
85. 2. 7	7	8.655	43.80			
2577	9.1	3.7388	+0.0058	+ 2.428	−0.543	26°890
74. 1.27	3	5 32 11.173	26 40 3.98			
74. 2.10	2	11.185	3.46			
83. 2. 9	3	11.209	3.85			
2578	9.5	3.7997	+0.0061	+ 2.412	−0.551	28°844
83. 2.24	2	5 32 22.201	28 43 42.86			
84. 2.21	4	22.621	42.74			
85. 2. 9	5	22.435	42.31			
2579	8.5	3.6915	+0.0055	+ 2.394	−0.535	25°907
74. 3. 7	2	5 32 34.201	25 0 44.07			Z.C. Ep. 75.1
76. 2.11	3	34.353	43.17			
2580	9.0	3.6882	+0.0055	+ 2.394	−0.536	24°911
86. 3. 4	5	5 32 34.538	24 53 39.47			
89. 2. 7	4	34.683	39.55			
91. 2.25	7	34.577	40.13			
2581	7.5	3.8052	+0.0060	+ 2.386	−0.552	28°846
75. 2. 5	3	5 32 39.877	28 54 22.45			Z.C. α $39^{\mathrm{s}}.86$
76. 2.24	3	39.740	20.39			
80. 2.17	3	39.927	20.54			
82. 2.24	3	39.887	21.85			+5′
2582	8.4	3.7595	+0.0057	+ 2.383	−0.546	27°832
79. 3. 3	3	5 32 42.362	27 22 19.33			
83. 2.13	3	42.293	19.32			
83. 2.16	3	42.154	17.29			
83. 2.26	3	42.193	18.96			
2583	9.0	3.7175	+0.0056	+ 2.378	−0.540	25°909
86. 3. 6	5	5 32 45.787	25 55 26.47			
87. 2.25	5	45.949	25.97			
89. 2.15	5	45.887	26.59			

2584	$8^{m}.4$	$3^{s}.7697$	$+0^{s}.0058$	$+\ 2''.374$	$-0''.547$	27°833
75.	2. 3	3	$5^{h}32^{m}48^{s}.837$	27° 42′ $55''.74$		
77.	1.30	3	48.837	55.34	$+\ 5^{s}$	
87.	2. 8	5	48.722	57.17		
87.	2.12	5	48.804	54.91		
2585	8.9	3.8088	+0.0060	+ 2.362	−0.552	29°952
74.	1.30	3	5 32 56.857	29 1 12.20	Z.C. δ $12''.7$	
74.	2.19	3	56.836	12.41		
78.	2.14	3	56.796	13.21		
78.	2.18	3	56.894	12.92		
2586	9.0	3.7467	+0.0057	+ 2.361	−0.544	26°899
74.	1.27	1	5 32 57.725	26 55 50.81	Z.C.Ep. 76.4	
75.	2. 1	3	57.622	48.94		
77.	2.26	3	57.727	49.95		
79.	3. 1	3	57.572	49.11		
2587	8.5	3.6969	+0.0055	+ 2.351	−0.536	25°910
75.	1.25	3	5 33 4.468	25 11 41.66		
80.	2.10	3	4.329	42.44		
80.	2.25	3	4.296	41.94		
2588	9.5	3.7793	+0.0058	+ 2.343	−0.548	28°847
83.	2.22	3	5 33 9.770	28 2 14.37	†	
2589	9.4	3.7827	+0.0058	+ 2.337	−0.548	28°848
75.	2. 5	3	5 33 13.612	28 8 53.91	Z.C. δ $53''.6$	
80.	2.26	3	13.503	52.87		
82.	2.15	3	13.585	53.54	B − 10″	
83.	1.30	2	13.777	54.17		
2590	9.4	3.7602	+0.0057	+ 2.331	−0.546	27°836
83.	2.13	1	5 33 18.193	27 23 17.40	†	
2591	9.0	3.7216	+0.0055	+ 2.330	−0.540	26°901
74.	2.10	2	5 33 18.933	26 3 38.67		
79.	2. 6	3	18.811	37.81		
79.	3. 1	3	18.689	36.66		
2592	8.6	3.7482	+0.0056	+ 2.328	−0.544	26°902
76.	2.15	3	5 33 20.423	26 58 35.12		
81.	2.28	3	20.425	35.28		
82.	2.24	3	20.493	36.51		
2593	7.0	3.8211	+0.0060	+ 2.324	−0.554	29°953
74.	1.30	3	5 33 23.005	29 25 10.36		
76.	2.10	3	23.016	10.52		
77.	1.27	3	22.663	11.79		
78.	2.18	3	22.963	10.02		
92.	2.12	7	22.939	10.45		
92.	2 25	5	22.773	13.02		
2594	7.5	3.8211	+0.0060	+ 2.323	−0.554	29°954
76.	2.10	1	5 33 23.564	29 25 36.55		
77.	1.27	1	23.172	36.96		
2595	8.7	3.7656	+0.0057	+ 2.305	−0.547	27°837
77.	1.30	3	5 33 35.841	27 34 6.32		
79.	2.24	3	35.894	5.48		
80.	2.17	2	36.062	6.64		
2596	9.3	3.7671	+0.0056	+ 2.298	−0.547	27°838
80.	2.17	2	5 33 40.793	27 37 2.48	†	

2597	$8^{m}.0$	$3^{s}.7901$	$+0^{s}.0057$	$+\ 2''.292$	$-0''.551$	28°849
80.	2.26	3	$5^{h}33^{m}44^{s}.741$	28° 23′ $23''.09$		
83.	2.23	2	44.734	23.04		
83.	2.28	3	44.748	23.79		
2598	8.0	3.7360	+0.0055	+ 2.285	−0.542	26°903
75.	2. 1	3	5 33 49.629	26 32 50.98	†	
80.	2.10	3	49.557	52.44		
2599	9.1	3.7800	+0.0057	+ 2.280	−0.549	28°850
80.	2 12	3	5 33 53.288	28 2 54.84	Z.C. α $53^{s}.41$	
83.	2. 9	3	53.531	55.16		
2600	8.5	3.7043	+0.0053	+ 2.277	−0.538	25°918
74.	3. 7	3	5 33 55.714	25 26 46.29	$+\ 1^{m}$	
76.	1.25	3	55.615	44.91		
80.	2.25	3	55.648	46.85		
83.	2. 6	3	55.694	48.97		
2601	8.9	3.8156	+0.0058	+ 2.275	−0.554	29°958
74.	2 19	2	5 33 57.065	29 13 52.85	Z.C. δ $52''.7$	
78.	2.12	2	57.117	52.22		
78.	3. 4	3	57.020	53.55		
84.	2.18	3	56.974	52.24		
2602	9.3	3.7034	+0.0053	+ 2.274	−0.538	25°919
76.	1.25	1	5 33 57.266	25 24 58.72	†	
2603	8.7	3.8146	+0.0058	+ 2.271	−0.554	29°960
74.	2.19	1	5 33 59.794	29 12 0.95	Z.C. δ $1''.8$	
78.	3. 4	3	59.494	1.90		
79.	3. 8	3	59.696	1.76		
84.	2.18	2	59.643	1.72		
85.	2.27	5	59.498	2.70		
2604	9.0	3.7478	+0.0055	+ 2.271	−0.544	26°904
76.	2.15	3	5 33 59.656	26 57 23.95		
82.	2.15	3	59.678	23.52		
87.	2.15	5	59.764	23.97		
87.	2.16	5	59.690	21.42		
87.	2.17	5	59.813	21.70		
2605	8.8	3.8225	+0.0059	+ 2.269	−0.555	29°961
78.	2.14	3	5 34 1.221	29 27 22.47		
79.	3. 6	3	1.193	21.71		
2606	8.5	3.7256	+0.0054	+ 2.261	−0.541	26°905
74.	1.27	1	5 34 6.572	26 11 31.67		
79.	2. 6	3	6.492	31.13		
83.	1.30	3	6.323	30.74		
83.	2.23	1	6.493	31.34		
2607	9.0	3.7837	+0.0057	+ 2.261	−0.550	28°853
83.	2.16	2	5 34 6.636	28 10 19.53	+ 1′	
83.	2.22	3	6.698	19.89		
83.	2.26	3	6.671	21.01		
85.	2.19	5	6.579	19.02		
2608	9.0	3.7193	+0.0054	+ 2.259	−0.540	25°920
75.	1.25	3	5 34 7.838	25 58 21.55		
76.	2.11	3	7.652	22.48		
88.	2. 7	5	7.898	22.76		

2609	9^m0	3^s7839	$+0^s0057$	$+\ 2''256$	$-0''550$	28°854
75.	2. 5	3	$5^h34^m\ 9^s985$	28° 10′ 40″98		
76.	2.24	1	10.038	41.51		
83.	2.16	3	9.839	39.73		
83.	2.26	2	10.148	41.25		
2610	8.4	3.7699	+0.0056	+ 2.254	−0.548	27°839
79.	3. 3	3	5 34 11.157	27 42 15.27		
83.	2.24	3	11.053	15.11		
84.	2.28	4	11.108	12.86		
85.	3. 4	5	11.183	15.54		
2611	9.1	3.8142	+0.0058	+ 2.252	−0.554	29°962
85.	2.25	5	5 34 12.516	29 11 4.13		−1′
93.	2. 7	7	12.591	3.28		Z.C.Ep.90.8
94.	1.30	7	12.267	2.47		
2612	8·6	3.7263	+0.0054	+ 2.252	−0.541	26°906
79.	2. 6	1	5 34 12.647	26 12 49.74		
81.	2.28	3	12.780	48.95		
83.	2.23	1	12.746	50.66		
2613	9.0	3.8289	+0.0059	+ 2.239	−0.556	29°963
74.	1.30	2	5 34 21.986	29 39 37.99		
79.	3. 8	2	21.844	38.78		
85.	2.20	5	21.891	38.85		
2614	9.5	3.8407	+0.0059	+ 2.238	−0.557	30°982
83.	2. 6	3	5 34 22.428	30 2 42.08		†
2615	7.7	3.8328	+0.0059	+ 2.227	−0.556	29°964
78.	2.18	3	5 34 29.836	29 47 9.29		
79.	3. 6	3	29.910	8.86		
85.	2. 9	5	29.953	10.15		
2616	9.1	3.7122	+0.0053	+ 2.224	−0.539	25°926
86.	2. 9	5	5 34 31.555	25 43 5.22		
86.	3. 4	5	31.644	6.19		
88.	2.10	5	31.692	5.34		
2617	8.2	3.8067	+0.0057	+ 2.224	−0.552	28°856
80.	2.17	2	5 34 31.967	28 56 3.46		
84.	2.21	5	31.869	2.69		
2618	8.9	3.7452	+0.0054	+ 2.217	−0.544	26°907
77.	2 26	3	5 34 36.556	26 51 33.70		Z.C. δ 32″1
85.	2. 5	5	36.629	30.24		
85.	2. 7	5	36.531	32.35		
2619	8.3	3.7311	+0.0054	+ 2.217	−0.542	26°908
83.	1.30	2	5 34 36.804	26 22 28.48		Z.C. δ 28″6
83.	2.24	2	36.817	29.02		
84.	3.10	5	36.899	28.80		
88.	3. 2	5	36.790	28.04		
2620	9.5	3.7094	+0.0053	+ 2.214	−0.538	25°928
86.	1.26	5	5 34 38.631	25 37 5.04		$+1^m$
86.	2. 6	5	38.494	5.75		
2621	9.5	3.7054	+0.0052	+ 2.209	−0.538	25°929
74.	3. 7	2	5 34 42.021	25 28 38.60		
80.	2.25	2	42.341	39.66		
2622	8^m9	3^s7496	$+0^s0054$	$+\ 2''200$	$-0''545$	26°909
77.	2.26	2	$5^h34^m48^s247$	27° 0′ 29″94		Z.C. δ 30″5
80.	2.12	3	48.160	30.15		
80.	2.26	3	48.214	30.14		
82.	2.24	3	48.334	31.09		
87.	2.25	5	48.299	31.00		
89.	2.15	5	48.252	30.58		
2623	9.2	3.7152	+0.0053	+ 2.185	−0.539	25°930
75.	1.25	2	5 34 58.754	25 48 52.81		
92.	2.22	7	58.728	52.53		
2624	9.0	3.7108	+0.0053	+ 2.174	−0.539	25°931
83.	2. 9	3	5 35 6.664	25 39 46.33		
86.	2. 8	5	6.488	46.00		
2625	8.5	3.8361	+0.0058	+ 2.165	−0.557	29°969
78.	2.14	3	5 35 12.726	29 53 10.51		Z.C. δ 10″0
78.	3. 4	1	12.542	9.86		
83.	2.22	2	12.687	9.50		
2626	8.2	3.7006	+0.0052	+ 2.154	−0.537	25°934
76.	2.11	3	5 35 20.270	25 18 3.04		
81.	2.28	3	20.425	2.86		
83.	2.28	3	20.493	4.23		
2627	7.0	3.8133	+0.0056	+ 2.146	−0.554	29°970
76.	2.10	3	5 35 25.987	29 8 18.04		
79.	3. 6	2	25.893	17.59		
79.	3. 8	2	25.902	18.15		
2628	9.2	3.7142	+0.0052	+ 2.143	−0.540	25°935
87.	2.26	5	5 35 27.803	25 46 38.16		
87.	2.28	5	27.952	38.19		
2629	8.3	3.8302	+0.0057	+ 2.128	−0.556	29°971
74.	1.30	2	5 35 37.920	29 41 28.70		Z.C. δ 28″2
78.	2.12	3	37.953	27.71		
2630	9.0	3.7197	+0.0052	+ 2.119	−0.541	25°939
80.	2.12	3	5 35 44.333	25 58 1.58		
84.	2.28	7	44.352	0.09		
89.	2. 7	7	44.425	1.36		
2631	8.3	3.7276	+0.0052	+ 2.117	−0.542	26°920
74.	1.27	3	5 35 45.715	26 14 37.96		
74.	2.10	3	45.773	36.37		
76.	2.15	2	45.541	36.97		
2632	8.8	3.7303	+0.0052	+ 2.114	−0.542	26°922
79.	3. 1	3	5 35 47.388	26 20 6.57		Z.C. δ 6″9
85.	2.25	5	47.650	7.10		
85.	2.27	5	47.567	6.95		
2633	8.1	3.6987	+0.0050	+ 2.114	−0.538	25°940
74.	3. 7	1	5 35 47.745	25 13 42.68		
83.	2.13	3	47.940	44.44		
84.	2.21	3	47.789	42.94		
2634	9.1	3.6885	+0.0050	+ 2.106	−0.536	24°933
87.	2. 8	5	5 35 53.387	24 51 48.43		
87.	2.12	5	53.487	44.55		
88.	2. 7	5	53.511	44.59		
88.	3. 1	5	53.620	43.42		

2635	$8^{\mathrm{m}}.9$	$3^{\mathrm{s}}.8261$	$+0^{\mathrm{s}}.0056$	$+\ 2''.103$	$-0''.556$	$29^{\circ}972$
74. 2.19	3	$5^{\mathrm{h}}35^{\mathrm{m}}55^{\mathrm{s}}.421$		$29^{\circ}33'\ 14''.04$		
83. 2. 6	3	55.401		15.35		
83. 2.24	3	55.287		15.11		
85. 3. 4	3	55.388		14.13		
2636	6.8	3.7030	+0.0050	+ 2.102	−0.539	$25^{\circ}941$
77. 3. 5	3	5 35 56.055		25 22 40.87		
84. 2.18	3	55.858		41.27		
89. 2. 8	7	55.896		41.66		
2637	9.1	3.7272	+0.0051	+ 2.100	−0.542	$26^{\circ}924$
74. 2.10	3	5 35 57.642		26 13 30.71		
87. 2.16	5	57.504		29.50		
87. 2.17	5	57.671		31.39		
89. 2. 9	7	57.691		29.79		
2638	9.1	3.7427	+0.0052	+ 2.098	−0.544	$26^{\circ}925$
83. 2.16	3	5 35 58.637		26 45 29.30		
83. 2.26	3	58.823		30.61		
83. 2.28	3	58.884		30.95		
89. 2.20	5	58.755		28.73		
90. 2. 3	7	58.883		30.48		
90. 2.22	6	58.896		31.43		
2639	7.9	3.7566	+0.0052	+ 2.097	−0.546	$27^{\circ}846$
77. 1.30	3	5 35 59.263		27 14 5.20		
79. 2.24	3	59.212		5.35		
79. 3. 3	3	59.213		6.01		
2640	9.3	3.7323	+0.0051	+ 2.097	−0.543	$26^{\circ}926$
79. 3. 1	3	5 35 59.319		26 24 5.85		†
2641	8.5	3.6925	+0.0050	+ 2.094	−0.537	$24^{\circ}934$
86. 3. 6	5	5 36 1.555		25 0 30.12		
88. 2.10	5	1.565		29.92		
91. 2.23	7	1.616		29.11		
2642	8.8	3.7313	+0.0051	+ 2.092	−0.542	$26^{\circ}927$
83. 2. 9	3	5 36 3.194		26 21 55.57		
85. 2.19	5	3.191		54.35		
2643	8.2	3.8227	+0.0055	+ 2.087	−0.555	$29^{\circ}974$
77. 1.27	3	5 36 6.607		29 26 28.72		$-0^{\mathrm{s}}.1$
78. 2.14	3	6.617		29.26		
78. 2.18	3	6.645		28.68		
80. 2.10	3	6.869		28.04		
82. 2.15	3	6.725		29.32		
82. 2.24	3	6.679		28.86		
85. 3. 5	5	6.751		28.97		
2644	8.9	3.6961	+0.0050	+ 2.072	−0.537	$25^{\circ}943$
76. 1.25	3	5 36 16.516		25 7 57.18		
83. 2.23	3	16.398		59.80		
85. 2. 7	5	16.415		57.68		
2645	7.8	3.8388	+0.0056	+ 2.070	−0.558	$29^{\circ}975$
74. 2.19	1	5 36 17.680		29 57 31.02		
76. 2.10	3	18.061		32.06		
78. 2.12	3	17.865		33.08		
2646	8.8	3.7413	+0.0052	+ 2.067	−0.544	$26^{\circ}929$
74. 1.27	1	5 36 20.283		26 42 31.78		
82. 2.15	2	20.025		32.14		
85. 2.20	5	19.959		30.85		

2647	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.7013$	$+0^{\mathrm{s}}.0050$	$+\ 2''.060$	$-0''.538$	$25^{\circ}946$
76. 2.11	3	$5^{\mathrm{h}}36^{\mathrm{m}}24^{\mathrm{s}}.883$		$25^{\circ}\ 18'\ 50''.38$		
81. 2.28	3	25.104		50.09		
2648	9.2	3.7484	+0.0052	+ 2.060	−0.545	$26^{\circ}930$
85. 2. 9	5	5 36 25.148		26 57 0.28		
93. 2. 7	4	25.155		0.21		
2649	7.5	3.7696	+0.0052	+ 2.053	−0.549	$27^{\circ}849$
74. 3.11	3	5 36 29.920		27 40 19.31		
77. 1.30	3	30.014		19.16		c.d.l.
79. 2.24	2	29.817		18.13		clouds
2650	9.0	3.7549	+0.0051	+ 2.041	−0.546	$27^{\circ}850$
79. 3. 3	3	5 36 38.295		27 10 15.40		
80. 2.10	3	38.142		14.89		
80. 2.12	2	38.220		13.93		
80. 2.17	3	38.150		15.89		
2651	8.9	3.7454	+0.0051	+ 2.039	−0.544	$26^{\circ}931$
76. 2.15	3	5 36 39.030		26 50 32.78		
77. 2.26	3	39.172		31.98		
83. 2.23	1	39.232		31.78		
2652	9.0	3.7951	+0.0053	+ 2.036	−0.551	$28^{\circ}866$
83. 1.30	3	5 36 41.120		28 31 28.90		
85. 2. 5	5	41.222		27.16		
88. 3. 2	7	41.249		29.25		
2653	8.1	3.8082	+0.0053	+ 2.036	−0.554	$28^{\circ}868$
75. 2. 5	2	5 36 41.380		28 57 28.41		d.l.s.
76. 2.24	3	41.466		28.42		
79. 3. 7	3	41.597		27.51		
86. 2. 9	5	41.436		28.57		
89. 2.15	6	41.581		29.58		
2654	9.5	3.7473	+0.0051	+ 2.026	−0.545	$26^{\circ}934$
74. 2.10	1	5 36 48.384		26 54 37.18		
80. 2.25	3	48.441		38.16		
80. 2.26	2	48.573		37.19		
83. 2.24	1	48.380		38.32		
2655	9.1	3.8062	+0.0053	+ 2.022	−0.553	$28^{\circ}869$
86. 3. 4	5	5 36 51.197		28 53 18.14		
91. 2.24	5	51.107		17.77		
2656	9.0	3.7047	+0.0049	+ 2.014	−0.539	$25^{\circ}952$
74. 3. 7	2	5 36 56.364		25 25 46.16		
77. 3. 5	3	56.522		46.98		
2657	7.9	3.6885	+0.0049	+ 2.014	−0.536	$24^{\circ}940$
87. 2.25	7	5 36 56.539		24 51 30.35		
91. 2.27	7	56.447		30.90		
2658	8.2	3.7836	+0.0052	+ 2.001	−0.550	$28^{\circ}871$
83. 2.26	2	5 37 5.639		28 8 13.68		
86. 1.26	5	5.839		13.16		
86. 2. 6	5	5.815		12.72		
86. 2. 8	5	5.782		12.05		
91. 2.25	7	5.778		12.35		
						Z.C. $\delta\ 28^{\circ}.8'.12''.8$

2659	$8^{m}.2$	$3^{s}.7125$	$+0^{s}.0050$	$+2''.000$	$-0''.540$	25°953
75.	1.25	3	$5^{h}37^{m}6^{s}.245$	$25^{\circ}42'1''.22$		
76.	1.25	3	6.187	0.65		
76.	2.11	2	6.201	2.30		
2660	7.4	3.7292	+0.0050	+ 1.996	−0.542	26°937
75.	2. 1	3	5 37 9.053	26 17 5.08		
79.	2. 6	2	9.289	6.86		
79.	3. 1	1	9.196	5.87		
83.	2.16	3	9.148	5.83		
83.	2.22	3	9.153	6.14		
2661	8.3	3.7854	+0.0052	+ 1.986	−0.550	28°873
75.	2. 5	2	5 37 16.177	28 11 44.23		
76.	2.24	3	16.204	42.98		
81.	2.28	3	16.340	43.47		
2662	9.2	3.8128	+0.0053	+ 1.974	−0.554	29°981
78.	2.12	3	5 37 24.138	29 6 5.71		Z.C. δ $5''.4$
79.	3. 8	3	24.087	5.02		
2663	8.0	3.6822	+0.0048	+ 1.966	−0.535	24°942
87.	2.26	7	5 37 30.106	24 37 41.17		
87.	2.28	7	30.246	40.73		
91.	2.26	7	30.137	41.51		
2664	9.4	3.7058	+0.0049	+ 1.959	−0.539	25°957
83.	2.13	3	5 37 34.296	25 27 36.25		†
2665	7.5	3.8172	+0.0053	+ 1.959	−0.555	29°983
74.	1.30	3	5 37 34.467	29 14 33.63		Z.C. δ $33''.7$
76.	2.10	3	34.378	33.67		
78.	2.18	3	34.409	33.84		
2666	8.5	3.8439	+0.0054	+ 1.957	−0.559	30°997
79.	3. 6	3	5 37 35.677	30 6 43.26		
92.	2.25	7	35.721	42.67		
93.	2. 7	6	35.792	43.03		
2667	8.6	3.7989	+0.0052	+ 1.949	−0.552	28°878
79.	3. 7	3	5 37 41.573	28 38 18.93		
80.	2.12	1	41.338	18.07		
80.	2.17	3	41.589	19.47		
2668	9.1	3.7561	+0.0050	+ 1.949	−0.546	27°856
77.	1.30	3	5 37 41.612	27 11 56.82		
79.	3. 3	3	41.602	58.63		
89.	2.20	5	41.632	56.28		
2669	9.0	3.7432	+0.0049	+ 1.942	−0.544	26°942
74.	1.27	2	5 37 46.376	26 45 31.69		
77.	2.26	2	46.400	30.35		
80.	2.26	3	46.453	30.16		
2670	8.5	3.7120	+0.0048	+ 1.938	−0.540	25°958
74.	3. 7	2	5 37 48.995	25 40 33.26		
76.	1.25	2	48.894	32.68		
76.	2.11	1	48.795	33.08		
2671	8.9	3.7738	+0.0051	+ 1.938	−0.549	27°857
80.	2.25	3	5 37 49.471	27 48 0.77		
83.	1.30	3	49.225	0.44		
89.	2. 8	5	49.613	0.75		

2672	$8^{m}.0$	$3^{s}.6945$	$+0^{s}.0048$	$+1''.936$	$-0''.537$	25°961
83.	2. 9	3	$5^{h}37^{m}50^{s}.806$	$25^{\circ}3'42''.39$		$+1^{s}$
84.	2.18	4	50.789	42.35		
85.	2.25	5	50.761	43.01		
85.	2.27	5	50.874	43.02		−15′
2673	8.8	3.8122	+0.0052	+ 1.923	−0.554	29°985
74.	1.30	3	5 37 59.542	29 4 29.46		
77.	1.27	3	59.272	31.23		
79.	3. 6	3	59.353	29.30		
79.	3. 8	1	59.601	29.29		
2674	9.1	3.7768	+0.0051	+ 1.914	−0.550	27°858
86.	3. 6	5	5 38 5.524	27 53 53.43		
87.	2. 8	7	5.602	54.21		
87.	2.12	7	5.672	52.51		
87.	2.16	5	5.512	51.72		
87.	2.17	5	5.727	51.81		
2675	8.9	3.7229	+0.0048	+ 1.912	−0.541	26°944
75.	2. 1	3	5 38 6.529	26 3 20.88		ft.
76.	2.15	3	6.714	22.50		
83.	2.13	1	6.888	22.93		
85.	3. 4	7	6.685	21.71		
2676	7.7	3.7173	+0.0048	+ 1.907	−0.540	25°963
75.	1.25	2	5 38 10.628	25 51 35.00		d. s. f.
77.	3. 5	3	10.586	31.87		d. s. f.
83.	2.28	3	10.425	36.20		d. s.
92.	2.18	7	10.608	34.24		
2677	8.8	3.7925	+0.0050	+ 1.884	−0.552	28°883
83.	2.22	3	5 38 26.453	28 25 13.34		
85.	2.19	5	26.562	10.93		
88.	3. 1	5	26.666	11.94		
2678	8.8	3.7001	+0.0047	+ 1.880	−0.538	25°966
83.	2.26	3	5 38 28.736	25 15 10.06		
84.	2.21	4	28.711	9.01		−1′
85.	3. 5	7	28.613	9.57		
88.	2. 7	7	28.535	9.67		
2679	8.4	3.7114	+0.0047	+ 1.875	−0.540	25°967
74.	3. 7	1	5 38 32.299	25 38 54.50		
80.	2.17	3	32.262	54.17		
85.	2. 7	5	32.180	53.45		
2680	9.0	3.7219	+0.0047	+ 1.873	−0.541	26°948
74.	1.27	1	5 38 33.905	26 1 4.06		
76.	2.15	1	33.748	5.30		
2681	9.3	3.7051	+0.0047	+ 1.869	−0.539	25°969
85.	2.20	7	5 38 36.836	25 25 37.81		†
2682	8.7	3.7069	+0.0047	+ 1.864	−0.539	25°970
81.	2.28	3	5 38 39.931	25 29 26.29		
83.	2.16	3	39.929	27.08		
83.	2.23	2	39.943	27.73		
84.	2.28	4	39.945	24.95		
90.	2. 3	7	40.059	25.97		
90.	2.22	6	40.106	28.73		+5′
2683	9.4	3.7088	+0.0047	+ 1.857	−0.539	25°971
83.	2.24	3	5 38 44.761	25 33 25.70		
85.	2. 9	5	44.964	24.33		

2684 8^{m}7 3^{s}6994 +0^{s}0047 + 1".850 −0".538 25° 972

77. 3. 5	2	5^{h}38^{m}49^{s}961	25° 13' 23".60	
85. 2. 5	5	49.963	21.81	

2685 9.5 3.7070 +0.0047 + 1.847 −0.539 25° 973

86. 2. 9	5	5 38 51.615	25 29 30.20	
93. 2. 8	7	51.963	33.55	

2686 9.0 3.8335 +0.0051 + 1.838 −0.558 29° 992

74. 1.30	2	5 38 57.573	29 45 44.76	
74. 2.19	3	57.567	45.06	

2687 8.8 3.7855 +0.0049 + 1.819 −0.551 28° 886

75. 2. 5	3	5 39 10.884	28 10 39.58	
76. 2.24	3	10.929	40.72	
79. 3. 7	3	10.974	40.24	

2688 8.1 3.8219 +0.0050 + 1.818 −0.556 29° 994

76. 2.10	3	5 39 12.054	29 22 47.12	
78. 2.12	3	11.963	46.10	
86. 1.26	7	11.949	47.30	
86. 2. 6	7	11.955	47.17	
86. 2. 8	7	11.950	46.35	

2689 8.1 3.7974 +0.0049 + 1.807 −0.552 28° 887

84. 2.18	2	5 39 19.540	28 34 23.91	
84. 2.21	5	19.481	24.24	

2690 8.5 3.7158 +0.0047 + 1.802 −0.540 25° 975

76. 1.25	3	5 39 22.582	25 47 44.29	
83. 2. 9	3	22.565	45.95	
84. 3.10	7	22.485	46.37	

2691 9.3 3.7233 +0.0046 + 1.799 −0.541 26° 953

74. 2.10	3	5 39 24.667	26 3 15.99	†

2692 7.0 3.8291 +0.0050 + 1.797 −0.557 29° 997

74. 2.19	3	5 39 26.029	29 36 41.50	
79. 3. 6	3	26.020	40.50	
84. 2.28	4	26.019	37.42	

2693 9.0 3.7191 +0.0046 + 1.787 −0.541 25° 977

76. 2.11	2	5 39 33.273	25 54 37.85	
83. 2.24	3	33.215	39.37	
83. 2.28	3	33.342	38.90	

2694 8.7 3.7472 +0.0046 + 1.763 −0.545 26° 955

74. 2.10	3	5 39 49.634	26 52 25.94	Z.C. δ 26".4
76. 2.15	2	49.757	26.40	
77. 2.26	3	49.686	26.43	
77. 2.26	3	49.616	26.87	

2695 9.5 3.8034 +0.0048 + 1.762 −0.553 28° 891

93. 2.20	7	5 39 50.135	28 46 5.37	v. ft.
94. 2. 5	7	50.452	6.84	

2696 6.6 3.7080 +0.0045 + 1.761 −0.540 25° 978

74. 3. 7	2	5 39 51.016	25 31 9.84	
80. 2.12	3	50.909	9.22	
83. 2.22	3	50.927	10.63	
83. 2.26	3	50.837	10.31	

2697 8^{m}0 3^{s}7681 +0^{s}0047 + 1".757 −0".548 27° 866

74. 3. 3	3	5^{h}39^{m}54^{s}027	27° 35' 11".11	
77. 1.30	3	54.050	11.59	
79. 2.24	3	53.874	11.32	

2698 9.1 3.7197 +0.0045 + 1.753 −0.542 25° 979

75. 1.25	2	5 39 56.548	25 55 34.02	Z.C. δ 34".2
83. 1.30	2	56.269	34.14	
83. 2.23	2	56.452	34.35	

2699 8.8 3.8026 +0.0048 + 1.751 −0.553 28° 893

75. 2. 5	3	5 39 57.843	28 44 26.09	
76. 2.24	3	57.772	26.56	
79. 3. 7	3	57.891	26.08	
85. 2.19	5	57.904	25.47	
85. 2.25	7	57.780	26.88	+ 1'
93. 2. 7	5	57.832	25.05	

2700 9.1 3.8476 +0.0049 + 1.750 −0.560 30°1013

86. 3. 6	5	5 39 58.632	30 12 23.58	
87. 2.15	5	58.735	25.76	
87. 2.16	7	58.760	22.55	
87. 2.17	7	58.726	24.53	

2701 9.1 3.7098 +0.0045 + 1.738 −0.540 25° 980

88. 2.10	7	5 40 6.777	25 34 42.41	
92. 2.22	6	6.742	43.49	

2702 9.3 3.7158 +0.0045 + 1.725 −0.541 25° 981

76. 1.25	2	5 40 15.347	25 47 18.90	
85. 2. 9	4	15.661	21.82	

2703 9.5 3.8049 +0.0048 + 1.725 −0.553 — —

80. 2.25	3	5 40 15.631	28 48 45.59	†

2704 9.2 3.8422 +0.0049 + 1.708 −0.559 30°1017

74. 1.30	3	5 40 27.442	30 1 39.12	
74. 2.19	3	27.583	38.61	
76. 2.10	3	27.703	38.82	

2705 9.0 3.7497 +0.0045 + 1.702 −0.546 26° 959

74. 1.27	3	5 40 31.147	26 57 26.16	Z.C. δ 25".3
74. 2.10	2	31.193	25.06	
76. 2.15	1	31.189	24.58	

2706 8.4 3.7889 +0.0046 + 1.679 −0.551 28° 902

75. 2. 5	3	5 40 47.511	28 16 43.14	
76. 2.24	2	47.521	43.42	
79. 3. 7	3	47.485	41.82	

2707 9.0 3.7227 +0.0044 + 1.669 −0.542 26° 963

87. 2.28	7	5 40 54.450	26 1 15.89	
89. 2. 8	7	54.430	15.97	

2708 8.2 3.8323 +0.0048 + 1.666 −0.558 29°1004

77. 1.27	3	5 40 56.085	29 42 14.73	Z.C. δ 13".4
78. 2.12	3	56.052	13.12	
80. 2.17	3	56.048	13.70	
80. 2.25	3	56.063	12.91	
81. 2.28	3	55.998	12.82	
83. 2.24	3	55.891	13.60	
86. 3. 4	7	55.897	13.26	
87. 2.25	7	56.247	12.79	

2709	8^{m}2	3^{s}8135	+0^{s}0047	+ 1″665	−0″555	29°1005
83. 1.30	3	5^{h}40^{m}56^{s}732	29° 5′ 25″04			
83. 2.16	3	56.647	25.72			
83. 2.23	2	56.794	24.97			
86. 2. 9	7	56.671	23.82			
88. 3. 1	7	56.740	23.60			
89. 2.15	7	56.794	25.18			
91. 2.26	7	56.695	25.22			
2710	8.1	3.7604	+0.0045	+ 1.662	−0.547	27° 874
74. 3. 3	3	5 40 58.772	27 19 3.50			Z.C. α 58^{s}76
74. 3.11	3	58.827	4.33			
75. 3.10	3	58.683	3.72			
77. 1.30	3	58.774	3.65			−15′
2711	9.3	3.7869	+0.0046	+ 1.651	−0.551	28° 904
83. 2.28	3	5 41 6.359	28 12 27.80			†
2712	8.6	3.8432	+0.0048	+ 1.642	−0.559	30°1021
74. 1.30	1	5 41 12.829	30 3 16.84			
74. 2.19	2	12.689	16.23			
79. 3. 8	3	12.761	16.68			
83. 2.13	3	12.802	16.76			
2713	7.8	3.8318	+0.0048	+ 1.634	−0.557	29°1009
77. 1.27	2	5 41 18.065	29 40 57.96			
79. 3. 6	3	18.134	55.75			
80. 2.12	3	17.993	55.35			
2714	7.6	3.7108	+0.0043	+ 1.627	−0.540	25° 991
74. 3. 7	3	5 41 22.769	25 36 20.11			
76. 2.11	3	22.818	21.97			
77. 3. 5	3	22.872	21.67			
2715	9.4	3.8454	+0.0047	+ 1.607	−0.559	30°1022
81. 2.28	3	5 41 36.980	30 6 50.08			
83. 2.22	3	36.908	51.46			
2716	9.1	3.7320	+0.0043	+ 1.602	−0.543	26° 967
74. 1.27	3	5 41 40.188	26 20 20.90			
79. 3. 1	3	40.340	19.34			
89. 2.21	7	40.421	21.88			
90. 2. 3	7	40.413	20.63			
2717	7.0	3.7663	+0.0044	+ 1.592	−0.548	27° 880
74. 3. 3	3	5 41 47.062	27 30 30.48			
74. 3.11	3	47.138	30.83			
75. 3.10	3	47.175	31.33			
2718	8.9	3.7539	+0.0043	+ 1.580	−0.546	27° 881
74. 3. 3	1	5 41 55.409	27 5 15.61			
77. 1.30	3	55.574	14.47			
79. 3. 3	3	55.675	14.67			
2719	9.0	3.8523	+0.0046	+ 1.580	−0.561	30°1023
86. 3. 6	4	5 41 55.684	30 20 21.43			
86. 3. 8	7	55.737	20.42			
87. 2.12	5	55.822	21.85			
2720	9.2	3.7038	+0.0042	+ 1.550	−0.539	25° 997
74. 3. 7	2	5 42 16.365	25 21 13.88			
75. 1.25	3	16.272	13.91			
2721	8^{m}6	3^{s}7492	+0^{s}0043	+ 1″537	−0″546	26° 971
74. 1.27	3	5^{h}42^{m}25^{s}027	26° 55′ 24″47			
74. 2.10	3	25.120	25.82			
76. 2.15	2	24.965	24.33			
2722	8.9	3.8332	+0.0045	+ 1.523	−0.558	29°1012
74. 1.30	2	5 42 34.413	29 43 12.49			Z.C. δ 11″7
78. 2.12	3	34.476	11.54			
78. 2.18	3	34.270	11.91			
79. 3. 6	3	34.391	10.93			
2723	9.5	3.7047	+0.0041	+ 1.518	−0.540	— —
74. 1.20	2	5 42 38.082	25 22 59.79			
74. 3. 7	1	37.954	61.42			
2724	7.2	3 7653	+0.0043	+ 1.502	−0.548	27° 886
74. 3. 3	1	5 42 49.063	27 27 57.59			
74. 3.11	3	48.989	58.06			
75. 3.10	2	49.017	57.59			
2725	7.8	3.7706	+0.0043	+ 1.491	−0.549	27° 887
74. 3 11	2	5 42 56.544	27 38 47.42			
77. 1.30	3	56.647	46.68			
79. 2.24	1	56.832	46.89			*
2726	9.4	3.7987	+0.0044	+ 1.484	−0.553	28° 912
86. 2. 6	7	5 43 1.493	28 35 2.83			
92. 2.18	4	1.332	2.24			W. 3.4.7.−1^{s}
2727	7.7	3.7229	+0.0041	+ 1.483	−0.542	26° 975
74. 1.27	2	5 43 2.294	26 0 56 03			
76. 2.15	3	2.060	55.37			
77. 2.26	3	2.152	56.42			
77. 2.26	3	2.292	56.09			
79. 3. 1	3	2.093	55.80			
2728	6.5	3.7790	+0.0043	+ 1.478	−0.551	27° 888
79. 3. 3	3	5 43 5.603	27 55 40.42			Z.C. δ 40″3
80. 2.10	3	5.607	40.83			
80. 2.12	3	5.535	38.55			
80. 2.17	3	5.565	41.20			
2729	9.2	3.7962	+0.0043	+ 1.478	−0.553	28° 914
75. 2. 5	3	5 43 5.906	28 29 56.29			
76 2.24	3	5.918	55.98			
79. 3. 7	3	6.059	55.40			
2730	9.0	3.6914	+0.0040	+ 1.457	−0.538	24° 984
74. 1.20	2	5 43 19.997	24 54 22.70			Z.C. α 20^{s}03
76. 1.25	3	20.116	22.12			−5′
80. 2.21	3	20.004	23.08			
83. 2.24	3	20.019	24.00			
2731	8.7	3.6994	+0.0041	+ 1.457	−0.539	25°1005
76. 2 11	3	5 43 20.020	25 11 27.68			−30′
76. 3. 4	3	20.103	26.90			−1′
77. 3. 5	3	20.041	28.37			v. ft.
80. 2.25	3	20.063	26.82			Z.C. α 20^{s}06
2732	9.5	3.7961	+0.0042	+ 1.450	−0.553	28° 916
75. 2. 5	3	5 43 24.526	28 29 42.63			
80. 2.26	3	24.557	40.27			
82. 2.15	3	24.764	41.11			

2733	$9^{m}.0$	$3^{s}.7879$	$+0^{s}.0042$	$+ 1''.430$	$-0''.552$	28° 917
76.	2.24	3	$5^{h}43^{m}38^{s}.880$	28° 13′ 11″.61		
80.	2.10	3	38.782	12.45		
82.	2.24	3	38.968	12.09		
2734	8.0	3.7830	+0.0042	+ 1.428	−0.551	28° 918
81.	2.28	3	5 43 40.080	28 3 15.50		
83.	1.30	3	39.921	16.00		
83.	2. 6	3	40.104	16.07		
83.	2.22	3	39.878	16.87		
2735	8.3	3.7755	+0.0041	+ 1.416	−0.550	27° 891
74.	3. 3	1	5 43 48.135	27 48 15 84		
79.	3. 3	3	48.113	17.40		
80.	2.17	3	48.163	17.01		
83.	2.16	3	48.036	17.34		
2736	8.5	3.7938	+0.0041	+ 1.408	−0.553	28° 919 A
82.	3. 1	3	5 43 53.670	28 24 46.64		
83.	2.16	2	53 667	47.63		
83.	2.23	2	53.891	47.36		
83.	2.26	3	53.752	48.22		
2737	8.5	3.7938	+0.0041	+ 1.408	−0.553	28° 919 B
82.	3. 1	2	5 43 54.430	28 24 54.74		
83.	2.23	2	54.571	55.02		
83.	2.26	2	54.772	55.29		
2738	8.7	3.7882	+0.0041	+ 1.398	−0.552	28° 920
80.	2.21	3	5 44 0.692	28 13 30.20		
82.	2.24	2	0.674	30.68		
83.	2.28	3	0.680	31.30		
2739	9.0	3.8220	+0.0042	+ 1.386	−0.556	29° 1020
74.	2.19	3	5 44 9.061	29 20 30.18		Z.C. δ 30″.6
78.	2.12	3	9.038	30.71		
78.	2.18	3	9.091	30.86		
2740	9.1	3.7126	+0.0040	+ 1.385	−0.540	25° 1008
74.	3. 7	3	5 44 9.419	25 38 39.93		Z.C. Ep. 76.8
76.	1.25	3	9.642	38.48		
80.	2.25	3	9.549	40.24		
2741	9.0	3.8386	+0.0043	+ 1.383	−0.559	29° 1021
78.	3. 4	3	5 44 10.826	29 52 50.98		Z.C. δ 50″.6
79.	3. 8	3	10.957	50.25		
86.	3. 4	7	10.964	50.65		
2742	8.2	3.8263	+0.0042	+ 1.373	−0.557	29° 1022
75.	2.15	3	5 44 17.474	29 28 58.11		Z.C. Ep. 81.1
79.	3. 6	3	17.478	57.92		
83.	2.13	3	17.605	59.32		
84.	2.18	4	17.485	57.71		
84.	2.28	1	17.563	56.05		
2743	9.4	3.8429	+0.0042	+ 1.373	−0.560	30° 1036
80.	2.26	3	5 44 17.771	30 1 13.10		
84.	2.28	4	17.652	10.97		
85.	2. 5	7	17.854	10.78		
85.	2. 7	7	17.628	12.83		
2744	8.8	3.7995	+0.0041	+ 1.361	−0.553	28° 924
80.	2.12	3	5 44 26.246	28 35 51.25		$+1^{s}$
84.	2.21	7	26.260	52.18		
84.	3.10	7	26.210	52.22		
86.	1.26	7	26.291	52.90		
2745	$8^{m}.8$	$3^{s}.7368$	$+0^{s}.0039$	$+ 1''.345$	$-0''.544$	26° 981
74.	1.27	2	$5^{h}44^{m}37^{s}.207$	26° 28′ 57″.32		
74.	2.10	3	37.246	57.89		
76.	2.15	3	37.270	58.43		
2746	9.5	3.8385	+0.0041	+ 1.331	−0.559	29° 1026
74.	1.30	3	5 44 46 755	29 52 17.56		
74.	2.19	3	46.760	18.58		ft.
83.	2.24	3	46.852	18.90		
2747	8.6	3.8343	+0.0041	+ 1.331	−0.559	29° 1027 A
76.	2.10	3	5 44 46.597	29 44 7.54		
77.	1.27	3	46.567	11.41		
78.	3. 4	3	46.643	8.84		
81.	2.28	2	46.928	6.85		$+1^{m}$
2748	8.7	3.8344	+0.0041	+ 1.329	−0.559	29° 1027 B
76.	2.10	2	5 44 47.907	29 44 17.10		Z.C. α $47^{s}.81$
77.	1.27	2	47.716	18.73		
2749	8.9	3.7200	+0.0038	+ 1.319	−0.542	25° 1013
75.	1.25	3	5 44 54.613	25 54 4.60		Z.C. δ 4″.1
77.	3. 5	3	54.669	3.43		
83.	1.30	3	54.561	4.33		−5′
2750	8.8	3.7016	+0.0038	+ 1.319	−0.539	25° 1014
76.	3. 4	3	5 44 54.996	25 15 26.37		
82.	2.15	2	54.818	26.49		
83.	2.22	3	54.955	26.63		
2751	8.2	3.8141	+0.0040	+ 1.312	−0.555	29° 1028
74.	1.30	2	5 45 0.015	29 4 44.23		Z.C. δ 45″.1
75.	2.15	3	0.011	46.17		
78.	2.18	2	0.044	44.83		
2752	9.0	3.7806	+0.0040	+ 1.307	−0.551	27° 895
74.	3 3	3	5 45 3.042	27 57 55.09		
74.	3.11	3	3.118	55.54		
75.	3.10	3	3.011	54.71		
77.	1.30	3	2.991	55.64		
77.	2. 2	3	3.034	55.47		
2753	8.9	3.7944	+0.0040	+ 1.306	−0.553	28° 927
75.	2. 5	3	5 45 4.335	28 25 40.18		
79.	3. 7	3	4.262	39.25		
80.	2.12	3	4.207	37.59		
82.	3. 1	2	4.168	38.16		
83.	2.24	3	4.181	39.69		
2754	9.1	3.7695	+0.0040	+ 1.284	−0.549	27° 897
79.	2.24	3	5 45 19.038	27 35 30.18		
79.	3. 3	3	18.995	31.07		
81.	2.28	3	19.119	29.71		
2755	8.2	3.7349	+0.0038	+ 1.284	−0.544	26° 985
74.	2.10	3	5 45 19.061	26 24 46.23		
76.	2.15	3	19.001	45.88		
79.	3. 1	3	19.100	44.39		
2756	9.1	3.7524	+0.0039	+ 1.282	−0.546	27° 898
86.	2. 9	5	5 45 20.247	27 0 41.11		
87.	2.12	5	20.453	42.50		
89.	2. 8	5	20.393	41.53		

2757	$8^{m}.9$		$3^{s}.7234$ $+0^{s}.0038$	$+\ 1''.281$ $-0''.542$	26° 987
83.	1.30	3	$5^{h}45^{m}20^{s}.697$	$26^{\circ}\ 1'\ 5''.06$	Z.C. δ $6''.0$
83.	2.13	3	20.746	6.84	
83.	2.22	3	20.577	6.22	
2758	9.1		3.8418 +0.0040	+ 1.276 −0.560	29°1030
86.	3. 6	5	5 45 24.324	29 58 25.37	ft.
87.	2.25	7	24.519	24.60	
89.	2.15	5	24.640	24.53	
2759	8.2		3.7890 +0.0039	+ 1.275 −0.552	28° 930
76.	2.24	3	5 45 25.245	28 14 36.09	Z.C. α $25^{s}.27$
82.	2.24	2	25.347	34.94	+5′
83.	2. 6	3	25.220	35.93	
2760	5.2		3.7692 +0.0040	+ 1.270 −0.549	27° 899
74.	3.11	2	5 45 28.393	27 34 49.95	
77.	1.30	3	28.443	48.64	
77.	2. 2	2	28.436	49.31	
2761	9.3		3.8452 +0.0040	+ 1.250 −0.560	30°1043
74.	2.19	2	5 45 42.450	30 4 56.73	d.s.f.
78.	2.12	2	42.113	59.22	* ex.ft.
79.	3. 8	3	42.473	59.04	c.d.s.f.
					Z.C. δ $58''.3$
2762	8.5		3.7147 +0.0037	+ 1.244 −0.541	25°1019
74.	1.20	3	5 45 46.546	25 42 39.18	
74.	3. 7	3	46.522	39.20	
76.	2.11	3	46.501	38.84	
2763	7.5		3.6957 +0.0036	+ 1.241 −0.538	25°1020
78.	3. 2	3	5 45 48.185	25 2 31.45	Z.C. δ $31''.8$
80.	2.10	3	48.264	32.32	
80.	2.17	3	48.349	31.74	
2764	9.0		3.7668 +0.0038	+ 1.239 −0.549	27° 900
86.	3. 8	5	5 45 49.551	27 29 52.76	
87.	2.28	5	49.583	53.46	
91.	2.23	5	49.691	53.52	
91.	2.25	7	49.630	52.89	
2765	9.1		3.7400 +0.0037	+ 1.238 −0.545	26° 989
74.	1.27	3	5 45 50.283	26 35 1.95	
88.	2. 7	6	50.404	0.61	v. ft.
91.	2.24	5	50.163	1.88	
2766	8.2		3.7105 +0.0037	+ 1.233 −0.540	25°1021
77.	3. 5	3	5 45 54.274	25 33 44.10	
80.	2.21	2	54.106	43.26	
80.	2.25	3	54.337	43.52	
2767	9.1		3.7226 +0.0037	+ 1.229 −0.542	25°1022
76.	1.25	3	5 45 56.608	25 59 0.62	
76.	2.11	1	56.530	3.50	
2768	8.6		3.8097 +0.0039	+ 1.228 −0.555	28° 933
75.	2. 5	3	5 45 57.205	28 55 33.47	
89.	2.21	5	57.098	34.28	
90.	2. 3	7	57.182	33.17	
90.	2.22	7	57.389	33.52	+1′
2769	$9^{m}.1$		$3^{s}.8161$ $+0^{s}.0039$	$+\ 1''.226$ $-0''.555$	29°1033
87.	2.15	4	$5^{h}45^{m}58^{s}.965$	$29^{\circ}\ 8'\ 14''.68$	
87.	2.16	5	58.971	13.29	
87.	2.17	5	59.197	14.80	
91.	2.26	7	59.001	15.44	
2770	8.9		3.7344 +0.0037	+ 1.225 −0.544	26° 990
77.	2.26	3	5 45 59.694	26 23 31.20	
79.	3. 1	3	59.621	30.84	
80.	2.26	3	59.823	30.27	
2771	8.4		3.7344 +0.0037	+ 1.205 −0.544	26° 992
77.	2.26	3	5 46 12.884	26 23 32.03	Z.C. δ $32''.5$
79.	3. 1	1	12.788	32.72	
80.	2.26	3	12.987	32.77	
2772	8.6		3.7091 +0.0036	+ 1.196 −0.540	25°1024
74.	3. 7	2	5 46 19.632	25 30 47.74	
76.	3. 4	3	19.926	48.11	
78.	3. 2	3	19.612	48.14	
2773	9.2		3.7229 +0.0036	+ 1.193 −0.542	25°1025
74.	1.20	3	5 46 21.639	25 59 35.23	
75.	1.25	2	21.447	34.23	
76.	1.25	2	21.657	31.23	ex. ft.
82.	2.15	2	21.829	33.45	
2774	8.8		3.7409 +0.0036	+ 1.178 −0.545	26° 995
74.	1.27	1	5 46 31.670	26 36 38.98	
74.	2.10	3	31.628	38.65	
76.	2.15	1	31.489	38.47	
2775	8.8		3.8015 +0.0038	+ 1.160 −0.553	28° 938
75.	2. 5	3	5 46 44.441	28 39 12.77	
76.	2.24	3	44.321	12.50	
79.	3. 7	3	44.417	11.76	
2776	8.5		3.7928 +0.0037	+ 1.132 −0.552	28° 940
80.	2.10	3	5 47 3.485	28 21 39.37	
80.	2.12	3	3.573	39.46	
2777	9.3		3.6967 +0.0035	+ 1.120 −0.538	25°1027
77.	3. 5	3	5 47 11.611	25 4 9.30	Z.C. δ $9''.8$
80.	2.21	3	11.456	10.03	
80.	2.25	3	11.458	9.27	
83.	2.24	3	11.519	10.61	
2778	9.5		3.6906 +0.0035	+ 1.120 −0.537	24°1014
91.	2.27	7	5 47 11.842	24 51 18.94	
94.	2. 5	7	11.624	17.56	
2779	8.0		3.7617 +0.0036	+ 1.117 −0.548	27° 906
74.	3. 3	3	5 47 13.568	27 18 50.57	
75.	3.10	3	13.638	50.82	
77.	2. 2	3	13.570	51.06	
2780	9.1		3.7545 +0.0035	+ 1.113 −0.547	27° 907
74.	3.11	3	5 47 16.396	27 4 16.87	
79.	2.24	3	16.434	15.44	
79	3. 3	3	16.532	16.77	

2781	$7^{m}.1$	$3^{s}.8411$	$+0^{s}.0037 + 1''.105 -0''.560$		29°1037
74.	1.30	3	$5^{h}47^{m}22^{s}.082$	29° 56′ 16″.45	+ 1 int.
75.	2.15	3	22.130	16.39	Z.C. δ 16″.7
79.	3. 6	3	22.030	16.38	Z.C. Ep. 78.7
79.	3. 8	3	22.098	17.11	
86.	2. 9	5	22.036	17.08	c.d.l.
2782	9.1	3.6907	+0.0034 + 1.102 −0.538		24°1015
86.	3. 6	5	5 47 23.823	24 51 23.29	
89.	2. 8	7	24.041	22.32	
92.	2.22	3	23.949	21.97	
2783	9.2	3.7550	+0.0035 + 1.094 −0.547		27° 911
77.	1.30	3	5 47 29.259	27 5 15.29	Z.C. δ 15″.2
79.	2.24	2	29.212	15.04	
79.	3. 3	3	29.330	15.34	
2784	7.5	3.8168	+0.0036 + 1.091 −0.556		29°1039
75.	2.15	1	5 47 31.830	29 8 54.55	Z.C. δ 54″.8
78.	2.18	3	31.864	54.87	
78.	3. 4	3	31.734	55.01	
2785	9.4	3.7907	+0.0036 + 1.089 −0.552		28° 944
81.	2.28	3	5 47 32.749	28 17 21.35	
82.	2.24	3	32.842	21.21	
82.	3. 6	3	32.838	22.44	
2786	9.1	3.7204	+0.0034 + 1.081 −0.542		25°1028
86.	3. 8	7	5 47 38.208	25 53 47.49	
89.	2.15	7	38.245	48.36	
2787	8.6	3.8409	+0.0037 + 1.081 −0.560		29°1041
74.	2.19	3	5 47 38.772	29 55 52.89	Z.C. δ 53″.1
76.	2.10	3	38.728	53.54	
78.	2.12	3	38.755	52.46	
79.	3. 6	3	38.810	53.14	
79.	3. 8	3	38.748	53.59	
2788	9.0	3.7277	+0.0034 + 1.080 −0.543		26°1001
74.	1.27	1	5 47 39.415	26 9 5.72	
74.	2.10	3	39.341	4.84	
77.	2.26	3	39.374	3.75	
2789	7.5	3.7729	+0.0035 + 1.066 −0.551		27° 914
74.	3. 3	2	5 47 48.615	27 41 24.61	
75.	2. 3	3	48.517	25.08	
80.	2.12	3	48.519	24.69	
80.	2.17	3	48.657	25.44	
2790	9.0	3.7365	+0.0034 + 1.061 −0.545		26°1003
74.	2.10	1	5 47 52.307	26 27 13.71	
79.	3. 1	3	52.020	12.30	
2791	9.2	3.7807	+0.0035 + 1.049 −0.551		27° 915
75.	3.10	3	5 48 0.718	27 57 6.44	
80.	2.21	3	0.495	5.86	
88.	2. 7	5	0.649	6.00	
2792	9.1	3.7075	+0.0033 + 1.047 −0.540		25°1031
78.	3. 2	3	5 48 1.861	25 26 38.63	
87.	2.25	5	2.113	35.86	
89.	2.21	5	2.074	38.00	
90.	2. 3	4	2.005	39.33	
2793	$9^{m}.1$	$3^{s}.8122$	$+0^{s}.0035 + 1''.036 -0''.556$		28° 949
87.	2.28	5	$5^{h}48^{m}\ 9^{s}.042$	28° 59′ 46″.07	
91.	2.23	5	9.068	46.61	
91.	2.24	7	8.968	46.36	
91.	2.25	7	9.081	45.27	
2794	9.2	3.6949	+0.0033 + 1.029 −0.538		24°1022
93.	2. 8	6	5 48 14.549	25 0 4.78	
93.	2.14	7	14.505	6.32	
2795	9.5	3.8402	+0.0035 + 1.024 −0.560		29°1043
74.	1.30	3	5 48 17.397	29 54 18.68	†
2796	8.8	3.7570	+0.0034 + 1.011 −0.548		27° 918
74.	3.11	3	5 48 26.810	27 8 52.21	
77.	1.30	3	26.718	52.78	
77.	2. 2	3	26.690	52.66	
87.	2.26	5	26.610	52.53	
2797	8.0	3.7036	+0.0033 + 1.006 −0.540		25°1034
74.	3. 7	3	5 48 29.761	25 18 25.06	
74.	3. 7	2	29.971	24.10	
76.	1.25	3	29.859	24.11	−1′
76.	3. 4	3	29.965	25.69	
83.	2.22	3	29.758	25.02	
2798	8.5	3.8348	+0.0035 + 1.004 −0.559		29°1045
74.	1.30	1	5 48 31.421	29 43 47.72	
74.	2.19	3	31.421	46.01	
77.	1.27	3	31.143	47.04	
78.	2.18	3	31.392	47.20	
78.	3. 4	3	31.392	45.65	
79.	3. 8	3	31.298	47.14	
2799	6.7	3.8100	+0.0034 + 0.995 −0.556		28° 952
73.	2.27	1	5 48 37.408	28 55 10.86	
75.	2. 5	3	37.296	11.32	
76.	2.24	3	37.266	10.43	
2800	8.7	3.7088	+0.0032 + 0.988 −0.540		25°1036
75.	1.25	3	5 48 42.266	25 29 8.81	
76.	2.11	2	42.090	7.39	
2801	8.8	3.6955	+0.0032 + 0.979 −0.538		25°1038
76.	3. 4	1	5 48 48.167	25 1 7.67	
77.	3. 5	3	48.328	7.01	
91.	2.26	7	48.324	7.33	
2802	9.5	3.7034	+0.0032 + 0.961 −0.540		25°1039
74.	1.20	3	5 49 0.475	25 17 53.78	†
2803	9.5	3.7154	+0.0032 + 0.948 −0.541		25°1042
90.	3. 3	7	5 49 9.981	25 42 53.38	
92.	2.16	3	10.157	53.55	v. ft.
92.	2.18	7	9.898	55.40	
2804	8.9	3.7698	+0.0033 + 0.942 −0.549		27° 922
74.	3. 3	3	5 49 13.712	27 34 50.08	
75.	3.10	3	13.673	50.28	
86.	2. 9	5	13.662	48.44	
89.	2. 8	5	13.844	49.07	

2805	$7^m.7$	$3^s.7614$	$+0^s.0033$	+ 0″.940	−0″.548	27° 923
79. 2.24	3	$5^h 49^m 15^s.319$	27° 17′ 45″.93			
79. 3. 3	3	15.216	47.02			
80. 2.10	3	15.415	46.11			
2806	9.1	3.6969	+0.0032	+ 0.925	−0.539	25°1044
74. 1.20	2	5 49 25.977	25 3 57.78			
76. 1.25	3	25.904	55.30			
76. 2.11	3	25.810	57.48			−30′
2807	9.1	3.7630	+0.0032	+ 0.921	−0.548	27° 925
77. 1.30	3	5 49 28.027	27 21 0.72			
77. 2. 2	3	27.999	1.53			
80. 2.21	3	28.066	0.95			
2808	8.4	3.7479	+0.0032	+ 0.918	−0.546	26°1011
74. 1.27	3	5 49 30.771	26 49 60.57			
74. 2.10	3	30.657	59.89			
76. 2.15	3	30.600	60.26			
77. 2.26	3	30.663	60.04			
77. 2.26	2	30.693	60.16			
2809	9.3	3.7704	+0.0032	+ 0.912	−0.549	27° 926
75. 2. 3	3	5 49 34.296	27 36 1.36			†
2810	9.2	3.6945	+0.0031	+ 0.908	−0.539	24°1036
86. 3. 6	5	5 49 36.923	24 58 56.44			
90. 2.22	4	37.192	58.69			
2811	9.0	3.7159	+0.0031	+ 0.902	−0.542	25°1045
86. 3. 4	5	5 49 41.044	25 43 49.60			
90. 3. 6	1	41.236	49.03			
2812	8.4	3.7906	+0.0032	+ 0.894	−0.552	28° 957
75. 2. 5	3	5 49 47.046	28 16 18.65			Z.C.α$47^s.11$
76. 2.24	3	47.114	17.71			
79. 3. 7	3	47.186	18.35			−15′
80. 2.12	3	47.013	16.74			
83. 2.24	3	47.240	18.40			
91. 2.27	7	47.054	17.54			
2813	8.8	3.8370	+0.0033	+ 0.888	−0.559	29°1054
74. 1.30	1	5 49 50.895	29 47 35.51			
74. 2.19	3	50.803	35.30			
78. 2.18	3	50.807	36.44			
78. 3. 4	3	50.966	37.52			
2814	8.5	3.6994	+0.0031	+ 0.869	−0.539	25°1049
74. 3. 7	3	5 50 3.706	25 9 13.98			Z.C. δ 13″.6
77. 3. 5	3	3.681	13.49			+ 1^m
78. 3. 2	3	3.686	13.34			
2815	9.0	3.7143	+0.0031	+ 0.862	−0.542	25°1050
86. 3. 8	7	5 50 9.033	25 40 28.12			
88. 2. 7	5	9.138	27.40			
89. 2.21	5	9.041	28.41			
2816	9.2	3.7285	+0.0031	+ 0.861	−0.544	26°1015
74. 2.10	2	5 50 9.577	26 9 57.32			†
2817	8.7	3.7875	+0.0032	+ 0.854	−0.552	28° 958
75. 2. 5	3	5 50 13.917	28 10 9.04			
76. 2.24	1	13.748	8.51			
80. 2.10	3	13.919	7.72			
2818	$5^m.2$	$3^s.7218$	$+0^s.0031$	+ 0″.854	−0″.543	25°1052
76. 1.25	3	$5^h 50^m 14^s.299$	25° 56′ 7″.65			Z.C. δ 8″.8
76. 3. 4	2	14.444	8.81			
80. 2.17	3	14.310	9.98			
2819	8.7	3.8247	+0.0032	+ 0.851	−0.558	29°1056
74. 2.19	2	5 50 16.241	29 23 40.28			Z.C. δ 39″.9
78. 2.12	3	16.377	39.00			
79. 3. 6	3	16.366	40.46			
2820	9.2	3.8167	+0.0031	+ 0.847	−0.556	29°1057
77. 1.27	3	5 50 18.824	29 7 53.25			†
2821	8.2	3.7108	+0.0030	+ 0.839	−0.541	25°1053
76. 2.11	3	5 50 24.371	25 33 5.64			
80. 2.21	3	24.357	7.19			
82. 2.15	3	24.427	7.79			
2822	7.7	3.8314	+0.0032	+ 0.838	−0.558	29°1058
75. 2.15	3	5 50 25.171	29 36 37.58			
76. 2.10	3	25.254	37.41			
78. 2.12	3	25.273	36.67			
79. 3. 8	3	25.162	36.50			−1 int. v. c. d. s.
2823	8.9	3.7291	+0.0030	+ 0.827	−0.544	26°1018
74. 1.27	3	5 50 33.061	26 11 11.03			
76. 2.15	3	32.899	12.41			
2824	8.8	3.8494	+0.0032	+ 0.825	−0.561	30°1071
87. 2.25	7	5 50 34.038	30 11 26.95			C − 10″
87. 2.26	5	33.935	26.60			
2825	9.1	3.7747	+0.0031	+ 0.823	−0.550	27° 932
74. 3. 3	3	5 50 35.907	27 44 14.45			Z.C.α$35^s.84$
75. 3.10	3	35.839	14.73			
79. 3. 3	3	35.810	15.30			
80. 2.25	3	35.721	14.42			
80. 2.26	3	35.903	14.09			
81. 2.28	3	35.861	12.97			
82. 2.24	3	35.841	14.11			
83. 2.13	3	35.864	15.08			
2826	9.0	3.7032	+0.0029	+ 0.800	−0.540	25°1055
77. 3. 5	3	5 50 51.125	25 16 46.09			
83. 2.16	3	51.057	45.43			
83. 2.22	3	51.278	46.53			
2827	9.0	3.8177	+0.0030	+ 0.799	−0.557	29°1061
78. 2.18	3	5 50 52.290	29 9 45.10			−30′
78. 3. 4	3	52.289	45.17			Z.C.α$52^s.36$
82. 3. 1	3	52.419	44.88			
87. 2.28	5	52.422	45.11			
2828	9.5	3.8452	+0.0031	+ 0.797	−0.560	30°1073
82. 2.24	2	5 50 53.654	30 3 19.85			
83. 2.24	3	53.588	20.04			
84. 2.28	3	53.328	17.12			
85. 2. 5	5	53.542	18.07			v. ft.
2829	9.2	3.7059	+0.0029	+ 0.795	−0.541	25°1056
82. 2.15	1	5 50 55.333	25 22 39.91			
82. 3. 1	1	54.928	39.22			

2830	$6^m.8$	$3^s.8426$	$+0^s.0031$	+ 0″.794	−0″.560	29°1062
75.	2.15	3	$5^h50^m55^s.301$	29° 58′ 10″.08		
79.	3. 8	3	55.340	8.94		
80.	2.10	3	55.315	8.59		
80.	2.12	3	55.264	7.67		
2831	8.3	3.7705	+0.0030	+ 0.783	−0.549	27° 935
74.	3.11	3	5 51 2.975	27 35 46.80		
77.	1.30	3	3.132	45.50		
79.	3. 3	3	3.267	46.55		
2832	9.0	3.7021	+0.0029	+ 0.781	−0.540	25°1057
74.	1.20	3	5 51 4.583	25 14 35.49		
76.	1.25	3	4.602	33.76		
80.	2.17	3	4.486	34.72	+ 5′	
83.	2.16	3	4.483	34.50		
83.	2 23	2	4.345	34.14		
2833	9.0	3.7756	+0.0030	+ 0.775	−0.550	27° 936
74.	3. 3	2	5 51 8.224	27 46 8.30		
86.	2. 9	5	8.424	7.88		
2834	7.3	3.7170	+0.0029	+ 0.775	−0.542	25°1058
74.	3. 7	3	5 51 8.546	25 45 44.28	Z.C. δ 45″.1	
78.	3. 2	3	8.377	45.93		
2835	7.8	3.7691	+0.0030	+ 0.766	−0.549	27° 938
75.	2. 3	2	5 51 14.550	27 32 48.69		
77.	1.30	1	14.435	48.83		
77.	2. 2	3	14.458	48.96		
79.	2.24	3	14.440	49.19		
80.	2.26	2	14.658	49.75		
2836	9.0	3.7695	+0.0030	+ 0.759	−0.549	27° 940
80.	2.25	3	5 51 19.344	27 33 32.53		
93.	2. 7	7	19.523	32.54		
2837	9.3	3.7047	+0.0029	+ 0.744	−0.540	25°1061
81.	2.28	2	5 51 29.821	25 19 51.30		
83.	2.13	3	29.893	54.01		
2838	9.1	3.6966	+0.0029	+ 0.744	−0.539	25°1060
75.	1.25	3	5 51 29.845	25 2 58.06	Z.C. δ 56″.5	
76.	2.11	2	29.818	55.14		
80.	3. 3	3	29.933	56.94		
93.	2. 8	7	29.892	57.57		
93.	2.10	6	29.930	54.55		
2839	8.5	3.8434	+0.0030	+ 0.735	−0.561	29°1066
74.	1.30	2	5 51 36.122	29 59 31.68	Z.C. α 36ˢ.16	
74.	2.19	3	36.207	32.01	Z.C. δ 31″.6	
78.	2.18	3	36.160	31.32		
79.	3. 6	3	36.160	31.66		
79.	3. 8	2	36.158	31.19		
2840	9.1	3.8491	+0.0029	+ 0.709	−0.561	30°1076
86.	3. 6	5	5 51 53.778	30 10 24.38		
91.	2.23	7	53.878	24.97		
2840^a	9.1	3.7058	+0.0028	+ 0.692	−0.541	25°1064
96.	1.14	7	5 52 5.765	25 22 14.85		
96.	1.15	7	5.698	16.07		
96.	1.17	7	5.628	14.81		
2841	$8^m.8$	$3^s.8048$	$+0^s.0029$	+ 0″.690	−0″.555	28° 965
73.	2.27	3	$5^h52^m\ 6^s.504$	28° 44′ 11″.28		
75.	2. 5	3	6.560	11.29		
76.	2.24	3	6.620	11.33		
2842	8.8	3.6975	+0.0028	+ 0.683	−0.539	25°1065
74.	2.20	3	5 52 11.423	25 4 35.74		
74.	3. 7	3	11.340	35.77		
76.	3. 4	3	11.372	36.95	+ 5′	
77.	3. 5	3	11.362	36.62		
2843	6.5	3.7862	+0.0029	+ 0.683	−0.552	28° 966
75.	2. 5	1	5 52 11.475	28 6 52.01		
79.	3. 7	3	11.612	52.15		
90.	3. 3	7	11.667	51.25		
2844	8.8	3.8254	+0.0029	+ 0.680	−0.558	29°1069
74.	2.19	1	5 52 13.688	29 24 30.19		
75.	2.15	3	13.410	30.99		
78.	2.12	3	13.507	29.18	v. ft.	
2845	7.0	3.7608	+0.0028	+ 0.677	−0.548	27° 943
74.	3. 3	3	5 52 15.931	27 15 47.54		
74.	3.11	3	16.006	48.03		
75.	3.10	3	16.121	46.71		
79.	2.24	2	16.041	45.72		
2846	8.7	3.7006	+0.0027	+ 0.656	−0.540	25°1067
74.	1.20	3	5 52 30.392	25 11 14.62	Z.C. δ 14″.9	
78.	3. 2	3	30.570	15.16	Z.C. Ep. 76.1	
2847	8.8	3.6936	+0.0027	+ 0 654	−0.539	24°1052
86.	3. 8	5	5 52 31.696	24 56 18.48		
87.	2.15	7	31.721	17.84		
87.	2.16	7	31.640	17.53		
87.	2.26	5	31.727	19.09		
2848	9.1	3.7471	+0.0027	+ 0.653	−0.546	26°1027
86.	2.25	5	5 52 32.111	26 47 46.26		
88.	2. 7	5	31.889	43.99		
2849	9.3	3.8460	+0.0028	+ 0.647	−0.561	30°1078
74.	1.30	1	5 52 36.457	30 4 25.58	Z.C. δ 25″.3	
78.	3. 4	3	36.434	24.99	Z.C. Ep. 76.1	
2850	8.5	3.7214	+0.0027	+ 0.646	−0.543	25°1069
80.	2.10	3	5 52 37.314	25 54 42.57		
80.	2.12	3	37.222	41.15		
80.	2.21	3	37.201	43.00		
90.	2. 3	7	37.218	41.84		
90.	2.22	7	37.479	44.04		
2851	7.4	3.8128	+0.0028	+ 0.641	−0.556	28° 969
73.	2.27	3	5 52 40.207	28 59 43.39	Z.C. δ 44″.4	
79.	3. 7	3	40.223	44.56		
90.	3. 6	5	40.200	45.22	+ 1 int.	
2852	9.0	3.8210	+0.0027	+ 0.636	−0.557	29°1072
76.	2.10	3	5 52 44.233	29 15 45.70		
78.	2.18	3	44.063	45.97		
79.	3. 6	3	44.096	45.05		
2853	9.2	3.7055	+0.0027	+ 0.627	−0.540	25°1071
76.	3. 4	1	5 52 49.939	25 21 15.82		
88.	3. 1	5	49.833	15.62		

2854	8^{m}6	3^{s}6888	+0^{s}0026	+ 0″623	−0″538	24°1055
86. 2. 9	5	5^{h}52^{m}53^{s}135	24° 46′	3″64		− 1^m
87. 2.28	5	53.252		3.20		
2855	8.7	3.7442	+0.0027	+ 0.615	−0.546	26°1031
74. 1.27	3	5 52 58.171	26 41	37.98		
74. 2.10	3	58.263		36.96		
76. 2.15	3	58.085		38.10		
77. 2.26	3	58.221		36.62		
77. 2.26	3	58.171		37.54		
2856	6.7	3.7698	+0.0027	+ 0.599	−0.550	27° 945
74. 3. 3	2	5 53 9.225	27 33	47.88		
75. 3.10	3	9.192		48.28		
77. 1.30	3	9.192		47.45		
77. 2. 2	3	9.265		47.76		
79. 2.24	1	9.290		46.11		
2857	9.0	3.7206	+0.0026	+ 0.585	−0.543	25°1073
80. 2.12	3	5 53 18.814	25 52	57.43		
80. 2.25	3	18.662		58.57		
2858	9.5	3.8441	+0.0027	+ 0.584	−0.561	30°1085
83. 2.22	3	5 53 19.453	30 0	39.08		
83. 2.23	3	19.601		38.82		+ 4°
83. 2.24	3	19.764		38.93		
2859	8.4	3.8263	+0.0027	+ 0.581	−0.559	29°1074
74. 2.19	2	5 53 21.601	29 26	7.98		
79. 3. 8	3	21.532		7.63		
2860	8.8	3.8069	+0.0027	+ 0.580	−0.555	28° 974
76. 2.24	3	5 53 22.271	28 47	52.25		v. ft.
80. 2.17	3	22.356		52.87		
80. 3.10	3	22.279		53.06		
88. 3. 2	7	22.196		52.75		
2861	8.4	3.8305	+0.0027	+ 0.574	−0.559	29°1075
76. 2.10	3	5 53 26.524	29 34	11.48		Z.C. δ 12″2
78. 2.18	2	26.354		12.00		
78. 3. 4	3	26.321		13.04		
2862	9.0	3.7062	+0.0026	+ 0.573	−0.541	25°1075
74. 1.20	2	5 53 27.136	25 22	43.18		
74. 2.20	3	27.221		43.07		
74. 3. 7	3	27.189		42.14		
76. 2.11	3	27.183		41.49		
85. 2. 5	5	27.243		40.97		
2863	9.1	3.7613	+0.0026	+ 0.571	−0.548	27° 948
87. 2.12	5	5 53 28.238	27 16	37.12		
92. 2.18	7	28.268		36.61		
92. 2.22	7	28.057		36.80		
2864	8.9	3.7454	+0.0026	+ 0.564	−0.546	26°1034
74. 2.10	3	5 53 33.649	26 43	57.28		
76. 2.15	3	33.528		58.51		
79. 3. 1	3	33.608		58.63		
84. 2.21	5	33.634		58.16		− 10^s

2865	9^{m}0	3^{s}7889	+0^{s}0026	+ 0″547	−0″553	28° 979
80. 2.10	3	5^{h}53^{m}44^{s}775	28° 12′	9″09		
80. 2.17	3	44.642		9.73		
81. 2.28	3	44.921		8.65		
82. 2.15	3	44.698		10.36		
82. 2.24	3	44.769		9.21		
86. 3. 6	5	44.543		10.03		
2866	9.2	3.8507	+0.0026	+ 0.539	−0.562	30°1086
78. 2.12	3	5 53 50 072	30 13	11.06		Z.C. δ 10″0
92. 2.29	5	50.109		8.87		
2867	8.8	3.7092	+0.0025	+ 0.538	−0.541	25°1079
74. 3 7	2	5 53 51.279	25 28	54.41		Z.C. δ 55″0
77 3. 5	3	51.310		54.92		
78. 3. 2	3	51.254		55.77		
2868	9.1	3.8481	+0.0026	+ 0.530	−0.562	30°1087
74. 1.30	2	5 53 56.912	30 7	55.70		
75. 2.15	3	56.890		56.17		
80. 2.25	3	56.784		55.85		
2869	9.3	3.7125	+0.0025	+ 0.523	−0.541	25°1080
74. 2.20	1	5 54 1.503	25 35	44.80		
82. 3. 1	3	1.498		42.82		
83. 2.13	3	1.649		45.22		
83. 2.22	3	1.577		45.82		
83. 2.24	3	1.447		46.00		
2870	9.3	3.6950	+0.0025	+ 0.517	−0.539	24°1065
86. 3. 8	5	5 54 5.294	24 59	3.38		
93. 2. 8	7	5.428		3.10		
2871	9.2	3.7133	+0.0025	+ 0.517	−0.541	25°1081
76. 1.25	3	5 54 5.401	25 37	29.25		
82. 3. 1	2	5.520		29.73		
83. 2.13	1	5.841		31.23		*
2872	9.1	3.8300	+0.0026	+ 0.513	−0.559	29°1077
86. 3. 4	7	5 54 7.999	29 33	12.47		†
2873	9.1	3 8437	+0.0026	+ 0.512	−0.561	29°1078
78. 3. 4	3	5 54 8.753	29 59	32.62		Z.C. δ 33″2
80. 3. 3	3	8.972		32.84		
82. 2.24	3	8.973		33.15		
83. 2. 6	3	9.006		34.04		
2874	9.0	3.7591	+0.0025	+ 0.505	−0.548	27° 955
74. 3. 3	3	5 54 13.525	27 12	5.61		
74. 3.11	3	13.599		4.26		
75. 3.10	3	13.526		4.37		
2875	9.0	3.7870	+0.0025	+ 0.500	−0.553	28° 982
73. 2.27	3	5 54 17.036	28 8	10.35		
75. 2. 5	3	16.763		10 19		
79. 3. 7	3	16.928		10.12		
2876	9.4	3.6892	+0.0024	+ 0.490	−0.538	24°1069
88. 2. 7	5	5 54 24.208	24 46	45.10		†
2877	9.1	3.7672	+0.0024	+ 0.478	−0.549	27° 958
74. 3.11	2	5 54 32.365	27 28	19.60		Z.C. δ 19″4
77. 1.30	3	32.490		19.06		
77. 2. 2	3	32.330		19.58		

2878	$9^{\mathrm{m}}3$	$3^{\mathrm{s}}7977$	$+0^{\mathrm{s}}0025$	$+\ 0''477$	$-0''554$	28° 986
80. 2.10	3	$5^{\mathrm{h}}54^{\mathrm{m}}32^{\mathrm{s}}808$	$28^\circ 29' 25''77$			v. ft.
81. 2.28	3	32.765	25.07			
82. 2.15	3	32.785	26.51			
91. 2.25	7	32.713	27.97			
2879	9.3	3.7990	+0.0025	+ 0.467	−0.554	28° 987
87. 2.25	5	5 54 40.052	28 31 47.84			†
2880	8.5	3.7365	+0.0024	+ 0.466	−0.545	26°1039
74. 1.27	3	5 54 40.557	26 25 37.99			
74. 2.10	3	40.476	37.13			
76. 2.15	3	40.462	37.45			
2881	9.2	3.8480	+0.0024	+ 0.465	−0.562	30°1090
74. 1.30	1	5 54 40.928	30 7 48.56			
74. 2.19	2	40.810	47.70			
76. 2.10	2	41.181	48.01			ex. ft.
2882	9.0	3.7890	+0.0024	+ 0.464	−0.553	28° 989
75. 2. 5	2	5 54 41.389	28 12 9.78			
79. 3. 7	2	41.689	9.86			
80. 2.25	3	41.485	9.33			
2883	9.1	3.7652	+0.0024	+ 0.463	−0.549	27° 959
80. 2.17	2	5 54 42.856	27 24 17.69			
80. 3. 3	3	42.741	17.99			
2884	8.6	3.6890	+0.0024	+ 0.459	−0.538	24°1071
87. 2.26	5	5 54 44.878	24 46 13.38			
87. 2.28	7	44.845	13.00			
88. 3. 1	7	44.955	12.28			
2885	9.1	3.7290	+0.0024	+ 0.449	−0.544	26°1042
74. 1.27	3	5 54 52.360	26 10 2.22			
77. 2.26	3	52.414	1.01			
79. 3. 1	3	52.337	0.90			
2886	7.9	3.8032	+0.0024	+ 0.432	−0.555	28° 991
73. 2.27	2	5 55 3.991	28 40 26.46			
76. 2.24	2	3.991	25.53			
80. 2.21	3	3.877	25.68			
2887	9.0	3.8371	+0.0024	+ 0.431	−0.560	29°1083
79. 3. 6	3	5 55 4.848	29 46 41.13			
79. 3. 8	3	4.855	41.48			
83. 2.16	3	4.750	41.38			
2888	9.1	3.8378	+0.0024	+ 0.431	−0.560	29°1084
83. 2.16	2	5 55 4.834	29 48 5.64			
83. 2.22	2	5.039	6.12			
2889	9.4	3.6929	+0.0023	+ 0.427	−0.539	24°1072
86. 2. 9	5	5 55 7.236	24 54 31.94			
88. 3. 2	5	7.131	31.20			
2890	8.0	3.7208	+0.0024	+ 0.427	−0.543	25°1089
74. 1.20	3	5 55 7.171	25 53 1.26			
76. 3. 4	3	7.257	1.63			
77. 3. 5	3	7.265	1.20			
2891	$8^{\mathrm{m}}7$	$3^{\mathrm{s}}7148$	$+0^{\mathrm{s}}0024$	$+\ 0''425$	$-0''542$	25°1088
74. 3. 7	3	$5^{\mathrm{h}}55^{\mathrm{m}}\ 8^{\mathrm{s}}205$	$25^\circ 40' 20''76$			
76. 1.25	3	8.284	18.71			
76. 2.11	3	8.245	20 63			
2892	9.2	3.7662	+0.0023	+ 0.413	−0.549	27° 962
75. 3.10	3	5 55 16 606	27 26 16.63			−1 int.
76. 2.22	2	16.776	16.08			
2893	9.2	3.7143	+0.0023	+ 0.389	−0.542	25°1092
74. 2.20	3	5 55 33.103	25 39 24.26			Z.C. $\delta\ 24''0$
76. 2.11	3	33.340	23.60			
78. 3. 2	3	33.164	24.15			
2894	8.7	3.7723	+0.0023	+ 0.386	−0.550	27° 963
74. 3. 3	3	5 55 35.010	27 38 30.39			c. d. f.
75. 2. 3	3	35.041	32.00			d.n.f.
77. 2. 2	3	35.050	30.94			d.n.f.
2895	9.2	3.8234	+0.0023	+ 0.382	−0.558	29°1088
78. 2.18	3	5 55 37.987	29 19 57.50			Z.C. $\delta\ 56''0$
80. 2.10	2	38.063	54.95			
81. 2 28	2	38.259	55.66			
2896	9.0	3.6954	+0.0022	+ 0.381	−0.539	24°1076
86. 3. 6	5	5 55 38.680	24 59 40 38			
90. 3. 6	6	38.994	40.89			
2897	8.9	3.7278	+0.0023	+ 0.380	−0.543	26°1044
79. 3 1	3	5 55 39.686	26 7 29.55			
80. 2.21	3	39.570	30.83			
2898	8.9	3.7323	+0.0023	+ 0.378	−0.544	26°1045
74. 2.10	2	5 55 40.976	26 16 40.08			
77. 2.26	3	41.018	40.03			
82. 2.15	3	40.847	40.59			
2899	9.1	3.7107	+0.0022	+ 0.372	−0.541	25°1095
82. 3. 1	2	5 55 44.704	25 31 55.78			
83. 2.23	3	44.722	55.64			
83. 2.26	3	44.909	56.26			
2900	7.1	3.7395	+0.0022	+ 0.370	−0.545	26°1046
74. 1.27	2	5 55 46.454	26 31 41.76			
76. 2.15	3	46.492	41.56			
80. 2.25	2	46.421	40.50			w. 7 − 1^{s}
2901	8.6	3.8247	+0.0022	+ 0.368	−0.558	29°1089
74. 1.30	2	5 55 47.605	29 22 39.15			
75. 2.15	3	47.643	38.81			
78. 2.12	3	47.682	38.68			
87. 2.12	5	47.432	38.70			
91. 2.27	7	47.419	39.01			
2902	9.4	3.6908	+0.0022	+ 0.355	−0.538	24°1078
91. 2.23	5	5 55 56.709	24 49 48.58			
91. 2.26	7	56.518	48.35			
2903	8.8	3.7506	+0.0022	+ 0.354	−0.547	26°1049
82. 3. 6	3	5 55 57.353	26 54 16.98			
83. 2.26	2	57.072	17.71			
84. 2.28	3	57.230	15.80			
87. 2.15	7	57.219	16.46			
87. 2.16	7	57.280	15.18			
87. 2.17	7	57.176	17.55			

2904	$8^{\mathrm{m}}.7$	$3^{\mathrm{s}}.7457$	$+0^{\mathrm{s}}.0022$	+ 0".353	−0".546	26°1050
84.	2.18	4	$5^{\mathrm{h}}55^{\mathrm{m}}57^{\mathrm{s}}.968$	26°44' 16".66		
84.	2.21	4	57.960	17.29		
84.	3.10	4	58.034	17.55		
86.	3. 8	5	58.011	17.46		
91.	2.24	7	57.906	16.79		
2905	8.7	3.8025	+0.0022	+ 0.342	−0.555	28° 994
75.	2. 5	3	5 56 5.086	28 38 46.92		
80.	3. 3	3	5.195	46.71		
84.	3.12	4	5.085	47.86		
2906	8.7	3.7344	+0.0022	+ 0.342	−0.544	26°1051
76.	2.15	1	5 56 5.330	26 21 8.86		Z.C. δ 8".8
79.	3. 1	2	5.436	8.34		
83.	2. 6	3	5.634	9.31		
83.	2.23	2	5.527	8.69		
2907	7.8	3.7702	+0.0022	+ 0.336	−0.550	27° 966
74.	3. 3	2	5 56 9.543	27 34 17.96		
74.	3.11	2	9.706	18.08		
77.	1.30	3	9.626	17.32		
79.	3. 3	3	9.637	17.28		
79.	3. 3	3	9.437	18.05		
2908	9.0	3.6978	+0.0022	+ 0.335	−0.539	25°1097
82.	2.24	3	5 56 10.447	25 4 38.79		
93.	2. 7	7	10.662	37.92		ft.
2909	8.7	3.8291	+0.0022	+ 0.325	−0.559	29°1094
78.	3 4	3	5 56 16.904	29 31 12.97		Z.C. δ 13".3
79.	3. 6	3	16.932	13.28		
79.	3. 8	3	16.889	13.62		
2910	8.7	3.6880	+0.0022	+ 0.321	−0.538	24°1079
87.	2.25	5	5 56 19.794	24 43 57.18		†
2911	8.3	3.7920	+0.0022	+ 0.318	−0.553	28° 997
79.	3. 7	3	5 56 22.282	28 18 8.68		− 1°
84.	2.21	1	22.172	6.67		
84.	2.28	4	22.332	4.31		
2912	8.9	3.6951	+0.0022	+ 0.313	−0.539	24°1080
88.	2. 7	5	5 56 25.065	24 58 48.70		
93.	2. 8	7	25.224	48.94		§
94.	2. 3	6	24.979	49.31		v. ft.
94.	2. 5	7	25.043	49.05		
2913	8.7	3.6983	+0.0022	+ 0.313	−0.539	25°1099
74.	3. 7	3	5 56 25.250	25 5 42.31		
77.	3. 5	3	25.355	41.67		
80.	2.17	3	25.449	42.47		
82.	2.24	2	25.413	42.57		
84.	3.10	3	25.332	42.55		
2914	8.5	3.8128	+0.0022	+ 0.311	−0.556	28° 998
76.	2.24	3	5 56 26.794	28 59 8.29		
83.	2.22	2	26.902	8.68		
84.	2.18	3	26.885	7.72		
2915	7.0	3.7084	+0.0022	+ 0.308	−0.541	25°1100
74.	1.20	3	5 56 28.375	25 26 47.27		
74.	2.20	2	28.482	47.56		
76.	3. 4	3	28.485	46.83		
2916	$8^{\mathrm{m}}.5$	$3^{\mathrm{s}}.7009$	$+0^{\mathrm{s}}.0021$	+ 0".263	−0".540	25°1105
78.	3. 2	3	$5^{\mathrm{h}}56^{\mathrm{m}}59^{\mathrm{s}}.672$	25° 10' 59".34		Z.C. δ 58".5
80.	2.21	3	59.584	57.87		
80.	3. 3	1	59.644	58.22		-1^{s}
2917	9.5	3.8282	+0.0021	+ 0.262	−0 558	— —
74.	2.19	3	5 57 0.488	29 29 14.83		†
2918	9.0	3.8229	+0.0021	+ 0.260	−0.558	29°1097
74.	1.30	3	5 57 1.877	29 18 50.77		Z.C. δ 50".4
76.	2.10	3	2.014	50.52		
78.	2.18	2	1.711	49.89		
2919	9.0	3.8063	+0.0021	+ 0.258	−0.555	28°1001
73.	2.27	3	5 57 3.024	28 46 11.05		
79.	3. 7	2	3.006	11.23		
80.	2.25	2	2.802	10.46		
86.	2. 9	5	3.035	10.62		
2920	8.9	3.7540	+0.0021	+ 0.253	−0.547	27° 968
74.	3. 3	2	5 57 6.591	27 1 17.07		Z.C. δ 17".1
77.	1.30	3	6.582	16.91		
77.	2. 2	3	6.451	17.25		
2921	8.7	3.8524	+0.0021	+ 0.251	−0.562	30°1102
87.	2 26	5	5 57 7.931	30 15 54.64		
88.	3. 2	5	7.970	55.28		
2922	8.6	3.7265	+0.0021	+ 0.241	−0.543	26°1056
74.	1.27	3	5 57 14.738	26 4 38.80		
74.	2.10	3	14.794	38.61		
77.	2.26	3	14.626	38.40		
86.	3. 6	5	14.642	39.64		
2923	9.5	3.7203	+0.0020	+ 0.237	−0.542	25°1106
74.	2.20	1	5 57 17.109	25 51 43.40		
77.	3. 5	3	17.473	44.07		v. ft.
81.	2.28	3	17.433	41.82		
2924	9.5	3.7060	+0.0020	+ 0.236	−0.540	25°1107
74.	1.20	3	5 57 17.731	25 21 55.71		
82.	3. 1	3	17.951	56.24		
85.	2. 5	5	18.067	53.32		
2925	8.0	3.7187	+0.0020	+ 0.232	−0.542	25°1108
74.	3. 7	2	5 57 20.773	25 48 17.04		
76.	3. 4	2	20.828	16.99		
80.	2.26	2	20.753	16.56		
2926	9.0	3.8149	+0.0020	+ 0.229	−0.556	29°1100
76.	2.10	3	5 57 23.016	29 3 7.44		ex. ft.
78.	2.12	2	22.816	7.50		
78.	3. 4	3	22.819	9.52		
2927	8.4	3.7230	+0.0020	+ 0.229	−0.543	25°1109
78.	3. 2	3	5 57 23.109	25 57 19.14		
83.	2.16	3	23.233	19.00		
83.	2.22	3	23.284	20.72		
2928	9.3	3.8143	+0.0020	+ 0.220	−0.556	29°1101
78.	3. 4	3	5 57 29.500	29 2 4.61		Z.C. δ 4".8
92.	2.22	6	29.454	4.94		

2929	$9^m.3$	$3^s.8174$	$+0^s.0020$	$+\ 0''.213$	$-0''.557$	29°1102
88.	3. 1	5	$5^h57^m34^s.233$	29° 8′ $1''.35$		
92.	2.18	2	34.759	2.46		*ex. ft.
2930	9.4	3.7331	+0.0020	+ 0.198	−0.544	26°1060
74.	1.27	1	5 57 43.819	26 18 13.15		Z.C. α $43^s.98$
74.	2.10	1	43.805	10.54		v. ft.
82.	2.15	3	44.081	12.15		+ 10′
83.	2.23	2	44.199	11.18		
2931	9.0	3.8246	+0.0019	+ 0.175	−0.558	29°1106
74.	1.30	2	5 58 0.453	29 22 3.68		
78.	2.18	3	0.358	4.69		
79.	3. 8	3	0.293	4.58		
83.	2. 6	3	0.377	3.65		
2932	9.4	3.7776	+0.0019	+ 0.175	−0.551	27° 972
74.	3.11	3	5 58 0.370	27 48 52.99		v. ft.
77.	1.30	3	0.576	53.24		
77.	2. 2	3	0.507	53.95		
2933	9.5	3.8156	+0.0019	+ 0.162	−0.556	29°1108
83.	2.26	3	5 58 8.743	29 4 27.07		
93.	2.20	2	8.307	26.52		v. ft.
94.	2. 8	7	8.593	27.98		
2934	9.2	3.7418	+0.0019	+ 0.162	−0.545	26°1066
93.	2.15	3	5 58 8.620	26 36 12.77		
96.	1.15	3	8.883	9.82		§
96.	1.17	7	8.469	12.70		§
96.	1.22	7	8.564	12.77		§ + 5′
2935	8.9	3.7410	+0.0019	+ 0.162	−0.545	26°1067
79.	3. 1	3	5 58 9.154	26 34 24.06		
80.	2.26	3	9.154	23.89		
2936	7.4	3.8115	+0.0019	+ 0.160	−0.556	28°1008
74.	2.17	3	5 58 10.177	28 56 28.22		
75.	2. 5	3	10.101	29.13		
76.	2.24	3	10.080	27.89		
2937	9.0	3.8462	+0.0019	+ 0.158	−0.561	30°1108
93.	2. 8	5	5 58 11.724	30 4 8.45		
93.	2.10	6	11.837	10.11		
2938	8.8	3.8220	+0.0018	+ 0.151	−0.557	29°1109
74.	2.19	3	5 58 16.374	29 16 59.09		Z.C. δ $59''.3$
78.	2.18	2	16.358	59.71		
79.	3. 6	3	16.361	59.14		
2939	9.1	3.7039	+0.0019	+ 0.148	−0.540	25°1115
74.	2.20	1	5 58 18.777	25 17 21.78		
74.	3. 7	2	18.753	22.14		
76.	1.25	3	18.641	21.27		− 1′
2940	7.6	3.8166	+0.0019	+ 0.146	−0.557	29°1111
79.	3. 6	2	5 58 19.686	29 6 20.03		
80.	2.10	3	19.850	20.02		
81.	2.28	2	19.818	18.50		
83.	2.16	3	19.624	20.12		
84.	3.12	4	19.675	20.58		
91.	2.27	7	19.713	19.88		
2941	$9^m.4$	$3^s.7062$	$+0^s.0019$	$+\ 0''.142$	$-0''.541$	25°1116
74.	1.20	3	$5^h58^m22^s.496$	25° 22′ $13''.04$		
85.	2. 7	5	22.837	12.40		
2942	8.6	3.7813	+0.0019	+ 0.142	−0.552	27° 975
74.	3. 3	3	5 58 22.928	27 56 30.46		
79.	3. 3	2	23.134	30.10		
83.	2.23	2	22.948	29.81		
2943	6.0	3.8292	+0 0018	+ 0.140	−0.559	29°1112
76.	2.10	2	5 58 23.859	29 31 10.27		Z.C. δ $11''.2$
78	2.12	3	23.868	12.50		
79.	3. 8	3	23.725	10.72		
2944	9.0	3.7251	+0.0019	+ 0.139	−0.543	26°1070
77.	2.26	3	5 58 24.975	26 1 43.81		
84.	2.18	4	25.001	43.68		
85.	2. 9	5	25.039	44.77		
88.	2. 7	4	24.976	44.65		
2945	9.3	3.7743	+0.0018	+ 0.130	−0.550	27° 978
82.	2.15	3	5 58 30.888	27 42 15.83		
84.	3.10	3	31.140	15.70		
85.	2.19	5	31.199	14.89		
87.	2.25	5	31.025	14.26		
2946	7.6	3.7398	+0.0018	+ 0.122	−0 545	26°1074
76.	2.15	3	5 58 36.473	26 31 59.92		
79.	3. 1	1	36.532	59.94		
84.	2.28	4	36.708	59.45		
2947	8.5	3.7553	+0.0018	+ 0.117	−0.547	27° 979
74.	3.11	3	5 58 39.614	27 3 47.68		
75.	3.10	3	39.679	48.50		
84.	3.14	4	39.538	47.91		
2948	9.4	3 7724	+0.0018	+ 0.109	−0.550	27° 982
84.	2.21	3	5 58 45.249	27 38 30.33		
85.	3. 4	5	45.100	31.69		− 1′
86.	3. 6	5	45.010	32.81		
2949	9.2	3.7341	+0.0018	+ 0.105	−0.544	26°1075
80.	3. 3	3	5 58 48.270	26 20 14.66		
85.	2.20	5	48.424	15.64		
85.	2.27	5	48.401	14.16		
2950	9.5	3.7449	+0.0018	+ 0.095	−0.546	26°1076
74.	1.27	1	5 58 54.673	26 42 27.71		
82.	3. 1	3	54.615	27.01		
2951	9.5	3.7999	+0.0017	+ 0.089	−0.554	28°1010
73.	2.27	3	5 58 58.670	28 33 29.69		
83.	2.22	3	58.943	30.14		
83.	2.26	3	58.746	30.51		
2952	9.1	3.7896	+0.0018	+ 0.087	−0.553	28°1011
75.	2. 5	3	5 59 0.292	28 12 60.65		
80.	2.25	2	0.158	60.09		
80.	2.26	2	0.427	59.34		
2953	8.6	3.6888	+0.0018	+ 0.084	−0.538	24°1092
86.	2. 9	7	5 59 2.175	24 45 35.01		
87.	2.26	5	2.201	36.27		

2954	$9^{m}.3$	$3^{s}.7117$	$+0^{s}.0018$	$+\,0''.081$	$-0''.541$	25°1120
78. 3. 2	2		$5^{h}59^{m}\ 4^{s}.151$	$25°\ 33'\ 45''.03$		v. ft.
84. 3. 10	1		4.483	43.98		
92. 2.29	7		4.329	43.92		v. ft.
2955	7.5	3.7441	+0.0018	+ 0.066	−0.546	26°1079
76. 2.15	2		5 59 14.717	26 40 50.93		
77. 2.26	1		14.569	48.95		
2956	9.2	3.7386	+0.0018	+ 0.060	−0.545	26°1080
86. 2.25	5		5 59 19.113	26 29 39.22		†
2957	7.0	3.7445	+0.0018	+ 0.041	−0.546	26°1082
76. 2.15	1		5 59 31.969	26 41 33.05		
93. 2. 7	7		32.040	33.19		
2958	8.6	3.7108	+0.0017	+ 0.029	−0.541	25°1121
74. 1.20	3		5 59 40.395	25 31 48.70		
74. 2.20	3		40.405	48.77		
74. 3. 7	2		40.310	48.92		
2959	9.0	3.7977	+0.0016	+ 0.022	−0 554	28°1015
73. 2.27	3		5 59 44.900	28 28 59.07		-1^{m}
76. 3.11	3		45.161	60.66		
79. 3. 7	3		45.084	60.90		
2960	8.5	3.7792	+0.0016	+ 0.018	−0.551	27° 991
74. 3. 3	3		5 59 47.415	27 52 15.10		
74. 3.11	3		47.228	15.11		
75. 3.10	3		47.579	15.43		
77. 1.30	3		47.481	14.99		
2961	9.5	3.8478	+0.0016	+ 0.018	−0.562	30°1116
74. 1.30	3		5 59 47.471	30 7 5.64		
74. 2.19	3		47.425	6.35		
2962	9.0	3.7869	+0.0016	+ 0.014	−0.553	28°1016
74. 2.17	3		5 59 50.057	28 7 31.96		
75. 2. 5	3		50.137	33.29		
89. 3. 4	5		50.217	32.44		ft.
2963	9.5	3.6923	+0.0016	+ 0.011	−0.539	24°1100
94. 2. 5	5		5 59 52.172	24 53 2.93		
94. 2. 9	7		52.177	4.03		
2964	8.5	3.7372	+0.0016	+ 0.007	−0.545	26°1086
74. 2.10	1		5 59 55.245	26 26 36.94		
86. 2.24	5		55.333	40.25		
2965	8.9	3.8125	+0.0016	+ 0.005	−0.556	28°1018 A
91. 2.24	5		5 59 56.845	28 58 21.61		
94. 2.12	7		56.705	20.52		
2966	8.9	3.8125	+0.0016	+ 0.003	−0.556	28°1018 B
93. 2.14	7		5 59 57.855	28 58 24.44		†
2967	8.1	3.7665	+0.0016	− 0.012	−0.549	27° 994
74. 3. 3	2		6 0 8.012	27 26 36.91		
74. 3.11	1		7.925	35.96		
77. 2. 2	3		8.113	37.07		
2968	8.7	3.8154	+0.0016	− 0.012	−0.556	29°1119
78. 2.18	3		6 0 8.268	29 4 15.81		
93. 3. 4	4		8.447	14.93		

2969	$9^{m}.5$	$3^{s}.8448$	$+0^{s}.0016$	$-\,0''.014$	$-0''.561$	30°1118
82. 3. 1	3		$6^{h}\ 0^{m}\ 9^{s}.401$	$30°\ 1'\ 27''.72$		†
2970	8.0	3.7363	+0.0016	− 0.015	−0.545	26°1088
79. 3. 1	2		6 0 10.400	26 24 43.56		
80. 2.10	3		10.693	44.36		ex. ft.
80. 2.25	3		10.414	45.27		
2971	9.4	3.7883	+0.0016	− 0.021	−0.553	28°1020
81. 2.28	3		6 0 14.922	28 10 19.85		
82. 2.15	3		14.632	21.85		
2972	8.0	3.7090	+0.0016	− 0.023	−0.541	25°1125
86. 3. 3	7		6 0 15.826	25 28 8.00		
91. 2.26	7		15.806	7.91		§
93. 2.25	7		16.150	10.23		
2973	8.5	3.7225	+0.0016	− 0.023	−0.543	25°1124
74. 1.20	2		6 0 16.149	25 56 14.61		
74. 2.20	1		16.060	14.96		
74. 3. 7	1		16.056	15.06		
77. 3. 5	3		16.366	14.25		
2974	9.0	3.7393	+0.0016	− 0.038	−0.545	26°1090
77. 2.26	1		6 0 26.226	26 30 59.48		
80. 2.26	3		26.252	59.74		
83. 2. 6	3		26.230	60.55		
83. 2.22	3		26.155	61.41		
2975	8.8	3.8130	+0.0015	− 0.040	−0.556	28°1021
75. 2. 5	2		6 0 27.238	28 59 25.16		Z.C. α $27^{s}.20$
76. 2.24	3		27.258	23.83		
79. 3. 7	3		27.228	24.65		
83. 2.16	3		27.185	24.49		
84. 2.28	4		27.102	23.30		
93. 2. 8	4		27.245	23.90		
93. 2.10	1		27.116	23.96		
2976	8.9	3.6934	+0.0016	− 0.042	−0.539	24°1109
86. 3. 4	7		6 0 28.704	24 55 17.13		
86. 3. 8	5		28.666	16.76		
2977	9.3	3.7634	+0.0015	− 0 045	−0.549	27° 997
75. 3.10	3		6 0 30.837	27 20 16.59		p. of 3
79. 3. 3	3		31.155	16.06		
83. 2.23	2		30.926	16.52		n. p. of 3
85. 2. 5	5		30.957	15.38		
85: 2. 7	7		30.888	17.47		
85. 2. 9	5		30.897	17.77		
2978	9.3	3.7633	+0.0015	− 0.048	−0.549	27° 999
79. 3. 3	2		6 0 32.975	27 19 58.15		
93. 3. 8	4		33.179	57.38		
93. 3.10	7		33.025	55.84		
2979	9.0	3.8143	+0.0015	− 0.055	−0.556	29°1121
74. 2.19	3		6 0 37.812	29 1 57.59		Z.C. α $37^{s}.83$
78. 3. 4	3		37.768	57.36		Z.C. δ $56''.7$
79. 3. 8	3		37.719	57.08		
85. 2.19	5		38.019	54.88		
2980	8.2	3.7237	+0.0015	− 0.063	−0.543	25°1128
76. 2.11	3		6 0 42.975	25 58 51.14		
77. 3. 5	3		42.965	50.28		
78. 3. 2	3		42.935	50.21		

2981	$8^m.8$	$3^s.7386$	$+0^s.0015$	$-\ 0''.063$	$-0''.545$	26°1094
	93. 3. 1	5	$6^h\ 0^m 43^s.238$	26° 30′ 31″24		†
	93. 3. 9	7	43.301	30.57		
2982	8.5	3.8398	+0.0014	− 0.071	−0.560	29°1123
	78. 2.18	3	6 0 48.651	29 51 42.80		Z.C. δ 41″8
	80. 2.10	3	48.651	40.31		
	91. 2.27	7	48.552	42.18		
2983	8.6	3.7149	+0.0015	− 0.081	−0.542	25°1130
	76. 1.25	3	6 0 55.395	25 40 15.54		
	76. 3. 4	3	55.569	18.50		
	83. 2.23	2	55.248	20.09		
	85. 2.27	5	55.414	18.37		
2984	9.3	3.7397	+0.0014	− 0.087	−0.545	26°1097
	80. 3. 3	1	6 0 59.545	26 31 50.72		Z.C. δ 51″2
	83. 2. 6	2	59.583	51.76		
2985	7.6	3.7146	+0.0014	− 0.093	−0.542	25°1131
	76. 3. 4	2	6 1 3.756	25 39 44.17		*
	84. 2.18	4	3.581	42.46		
	84. 3.12	4	3.443	43.71		
	84. 3.14	5	3.459	42.69		+ 5′
2986	8.9	3.8062	+0.0014	− 0.099	−0.555	28°1024
	73. 2.27	2	6 1 7.876	28 45 52.45		
	74. 2.17	2	8.034	53.61		
	76. 3.11	3	7.911	53.55		
2987	9.1	3.8310	+0.0014	− 0.100	−0.558	29°1125
	78. 2.12	3	6 1 8.639	29 34 28.87		
	82. 3. 1	3	8.466	28.54		
	85. 2.20	5	8.494	30.36		
2988	8.9	3.8455	+0.0014	− 0.106	−0.561	30°1127
	84. 2.21	5	6 1 12.509	30 2 42.79		
	86. 3. 6	5	12.339	43.35		
	87. 2.26	5	12.539	43.37		
2989	9.0	3.7378	+0.0015	− 0.108	−0.545	26°1099
	74. 1.27	3	6 1 13 976	26 27 48.17		Z.C. δ 47″8
	76. 2.15	3	13.782	47.57		
	81. 2.28	3	13 845	47.03		
	82. 2.15	3	13.814	49.28		
	93. 3. 4	5	13.921	47.18		
2990	9.5	3.7151	+0.0014	− 0.114	−0.542	25°1132
	94. 2.13	4	6 1 18.261	25 40 47.76		v. ft.
	94. 2.22	6	17.981	51.10		
2991	8.2	3.7108	+0.0014	− 0.114	−0.541	25°1133
	74. 1.20	2	6 1 18.307	25 31 43 53		
	74. 2.20	1	18.485	42.98		
	76. 2.11	3	18.742	43.04		

2992 Not found on revision 99.3.1; not found on Oxford photograph 99.2.25. The original observation has note—"v. ft., a star precedes about 9^s slightly N": the Oxford plate shews a faint object 1^s later than the catalogue place.

2993	8.5	3.8171	+0.0013	− 0.128	−0.556	29°1126
	74. 1.30	3	6 1 27.439	29 7 28.96		
	74. 2.19	3	27.569	29.05		
	76. 2.10	3	27.520	28.10		
	79. 3. 8	3	27.549	28.95		
2994	$8^m.0$	$3^s.7597$	$+0^s.0013$	$-\ 0''.141$	$-0''.548$	27°1006
	74. 3. 3	3	$6^h\ 1^m 36^s.475$	27° 12′ 37″55		
	74. 3.11	3	36.677	38.08		
	77. 1.30	3	36.670	37.61		
	77. 2. 2	3	36.628	38.86		
2995	7.8	3.8037	+0.0013	− 0.142	−0.555	28°1026
	76. 2.24	3	6 1 37.310	28 40 57.94		
	76. 3.11	3	37.306	58.16		
	79. 3. 7	3	37.403	58.24		
2996	8.8	3.7944	+0.0013	− 0.152	−0.553	28°1027
	80. 2.26	3	6 1 44.283	28 22 40.33		
	83. 2.16	3	44.312	40.56		
	85. 3.12	7	44.284	38.95		
2997	8.0	3.8212	+0.0012	− 0.155	−0.557	29°1128
	74. 1.30	1	6 1 46.240	29 15 25.85		
	76. 2.10	2	46.004	24.15		
	78. 3. 4	3	45.967	26.31		
	85. 2. 9	3	45.821	25.65		
2998	9.5	3.7156	+0.0013	− 0.158	−0.542	— —
	74. 3. 7	3	6 1 48.420	25 41 41.90		
	76. 1.25	3	48.410	39.74		
2999	9.1	3.7392	+0.0013	− 0.159	−0.545	26°1104
	74. 1.27	1	6 1 48.724	26 30 52.74		
	85. 2.25	5	48.933	52.34		
3000	9.2	3.8208	+0.0012	− 0.159	−0.557	29°1129
	78. 2.12	2	6 1 48.778	29 14 51.47		Z.C. δ 50″9
	78. 3. 4	3	48.897	50.25		
3001	8.2	3.7956	+0.0013	− 0.161	−0.553	28°1028
	80. 2.25	3	6 1 50.626	28 24 55.15		
	83. 2.16	2	50.602	56.64		
	84. 3.15	4	50.668	56.62		
3002	9.0	3.8019	+0.0012	− 0.174	−0.554	28°1029
	74. 2.17	1	6 1 59.045	28 37 26.53		†
3003	8.5	3.8245	+0.0012	− 0.185	−0.557	29°1131
	79. 3. 8	2	6 2 7.125	29 21 56.95		
	84. 2.28	4	7.260	54.83		
3004	8.4	3.8456	+0.0012	− 0.191	−0.561	30°1132
	84. 2.21	2	6 2 10.722	30 2 51.87		
	84. 3.12	4	10.617	52.62		
	85. 2.19	5	10.895	50.35		
3005	8.6	3.7373	+0.0013	− 0.210	−0.545	26°1110
	74. 2.10	3	6 2 24.041	26 26 48.95		
	76. 2.15	3	23.847	49.33		
3006	8.6	3.7394	+0.0013	− 0.216	−0.545	26°1111
	79. 3. 1	2	6 2 27.938	26 31 12.36		
	82. 2.15	3	28.166	14.09		
	83. 2.22	3	28.042	14.40		
	83. 2.23	3	27.989	12.95		
	84. 3.10	4	28.182	13.46		
	85. 3. 4	5	28.056	13.66		

3007	$9^{m}.3$	$3^{s}.6976$	$+0^{s}.0013$	$-0''.218$	$-0''.539$	25°1139
74. 3. 7	2	$6^{h}\ 2^{m}29^{s}.328$	25° 4′ 1″.20			
76. 2.11	2	29.620	0.14			
77. 3. 5	3	29.365	1.52			
3008	9.3	3.7018	+0.0013	− 0.219	−0.541	25°1140
82. 3. 6	3	6 2 30.427	25 33 55.48			†
3009	9.0	3.8020	+0.0011	− 0.222	−0.554	28°1031
75. 2. 5	3	6 2 31.845	28 37 41.92			
79. 3. 7	3	32.164	43.37			
3010	9.1	3.7353	+0.0012	− 0.225	−0.545	26°1113
74. 2.10	2	6 2 34.088	26 23 4.77			
80. 2.17	2	34.100	6.67			
85. 2. 5	5	34.271	4.33			
85. 2. 7	5	34.211	5.61			
3011	9.5	3.7104	+0.0012	− 0.225	−0.541	25°1142
74. 2.20	3	6 2 34.455	25 31 9.51			
86. 3. 8	5	34.376	8.69			
3012	8.5	3.8267	+0.0011	− 0.226	−0.558	29°1133
74. 2.19	3	6 2 35.179	29 26 9.96			
78. 2.18	3	35.127	10.54			
79. 3. 6	3	34.992	9.22			
3013	9.3	3.7532	+0.0012	− 0.239	−0.547	26°1114
80. 2.25	2	6 2 44.260	26 59 34.49			Z.C. δ 35″.4
80. 2.26	2	44.258	36.10			
80. 3. 3	3	44.243	35.70			
3014	8.6	3.7379	+0.0012	− 0.248	−0.545	26°1116
74. 1.27	1	6 2 49.839	26 28 9.19			
76. 2.15	1	49.439	9.23			*
77. 2.26	3	49.916	9.00			
80. 2.10	3	49.962	8.57			
91. 2.24	5	49.822	9.84			
3015	7.4	3.7253	+0.0012	− 0.273	−0.543	26°1117
80. 2.21	3	6 3 7 430	26 2 11.04			
80. 3.10	3	7.528	11.05			
84. 3.14	5	7.481	9.64			
85. 2.27	5	7.629	10.76			red
86. 2. 9	7	7.514	9.71			
[Variable 7.4—8.2 ; irregular. Backhouse 1897]						
3016	9.2	3.8417	+0.0010	− 0.281	−0.560	29°1136
74. 1.30	1	6 3 12.869	29 55 21.48			Z.C. δ 21″.6
78. 2.12	2	13.016	20.29			
79. 3. 8	2	12.915	23.03			
3017	9.5	3.8158	+0.0010	− 0.288	−0.556	29°1137
78 3. 4	3	6 3 17.651	29 4 57.49			
81. 2.28	3	17.789	56.02			
83. 2.23	2	17.606	56.94			
3018	7.5	3.8111	+0.0010	− 0.290	−0.556	28°1036
73. 2.27	3	6 3 18.632	28 55 46.18			
74. 2.17	2	18.814	46.47			
76. 2.24	3	18.653	46.47			+ 1′
						Z.C. δ 28° 55′ 46″.4

3019	$8^{m}.4$	$3^{s}.6929$	$+0^{s}.0012$	$-0''.297$	$-0''.538$	24°1148
76. 1.25	3	$6^{h}\ 3^{m}23^{s}.427$	24° 54′ 14″.41			d.s.
76. 2.11	2	23.507	16.29			
82. 3.16	3	23.399	15.79			
82. 3.17	3	23.400	16.71			
91. 2.27	7	23.239	16.01			
3020	9.0	3.7231	+0.0011	− 0.298	−0.543	25°1147
74. 2.20	2	6 3 24.091	25 57 26.55			
76. 3. 4	3	24.273	27.88			
82. 2.24	3	24.155	27.25			
83. 2.22	3	24.142	28.31			
86. 3. 3	7	24.199	27.28			
86. 3. 6	7	24.103	27.67			
88. 3. 1	5	24.349	26.77			
3021	9.5	3.7106	+0.0012	− 0.308	−0.541	25°1150
74. 1.20	3	6 3 29.538	25 31 29.05			†
3022	9.0	3.7120	+0.0011	− 0.323	−0.541	25°1151
74. 3. 7	2	6 3 41.443	25 34 38.89			
76. 3. 4	3	41.662	38.14			
3023	9.0	3.7562	+0.0010	− 0.325	−0.547	27°1012
74. 3. 3	3	6 3 42.917	27 5 43.36			
74. 3.11	3	42.869	43.30			
75. 3.10	3	43.042	43.37			
3024	9.1	3 7018	+0.0011	− 0.328	−0.540	25°1152
86. 3. 4	7	6 3 44.834	25 13 9.83			
87. 2.26	5	44.798	9.54			
3025	8 5	3.8069	+0.0009	− 0.328	−0.555	28°1038
75. 2. 5	3	6 3 44.937	28 47 32.19			
76. 2.24	2	45.081	30.90			
76. 3.11	3	44.877	31.92			
3026	7.8	3.8349	+0.0009	− 0.334	−0.559	29°1138
74. 2.19	3	6 3 48.808	29 42 14.04			Z.C. δ 14″.4
76. 2.10	3	48.831	13.65			
78. 2.18	3	48.592	15.61			
3027	8.8	3.7382	+0.0010	− 0.335	−0.545	26°1120
74. 1.27	1	6 3 49.625	26 29 2.82			
76. 2.15	2	49.572	0.44			
80. 3. 3	3	49.595	0.72			-1^{m}
89. 3. 4	7	49.679	0.00			
3028	8.1	3.6965	+0.0011	− 0.339	−0.539	25°1153
77. 3. 5	3	6 3 52.520	25 2 2.09			
83. 2.13	3	52.419	2.19			
84. 3.12	3	52.399	2.35			
3029	8.4	3.7449	+0.0010	− 0.340	−0.546	26°1122
77. 2.26	3	6 3 53.122	26 42 32.78			Z.C. δ 32″.5
79. 3. 1	3	52.965	31.97			
80. 2.26	2	53.040	32.65			
3030	8.9	3.7373	+0.0010	− 0.345	−0.545	26°1123
74. 2.10	3	6 3 56.311	26 27 5.02			
83. 2. 6	3	56.370	5.33			
84. 2.28	3	56.520	3.45			

3031	8^m2	3^s7580	$+0^s0010$	$-\ 0''346$	$-0''548$	27°1013
75. 3.10	3	$6^h\ 3^m57^s252$	$27^\circ\ 9'\ 26''87$			
77. 1.30	3	57.325	26.10			
77. 2. 2	3	57.312	27.35			
3032	9.5	3.7112	+0.0010	− 0.348	−0.541	— —
74. 1.20	3	6 3 58.507	25 32 57.65			†
3033	8.7	3.7245	+0.0010	− 0.349	−0.543	26°1125
80. 2.10	3	6 3 59.564	26 0 32 75			
80. 2.21	3	59.198	34.03			
80. 3.10	3	59.195	33.57			
3034	8.9	3.7374	+0.0010	− 0.350	−0.545	26°1126
83. 2. 6	2	6 3 59.959	26 27 21.27			
84. 2.28	2	59.929	18.68			
3035	9.0	3.8425	+0.0009	− 0.353	−0.560	29°1139
85. 2. 5	3	6 4 2.244	29 57 5.21			†
3036	7.6	3.8290	+0.0009	− 0.360	−0.558	29°1140
79. 3. 6	3	6 4 6.983	29 31 0.64			
79. 3. 8	2	6.910	1.02			
80. 2.17	3	6.886	0.43			
3037	8.6	3.7384	+0.0010	− 0.373	−0.545	26°1127
79. 3. 1	2	6 4 15.582	26 29 26.70			Z.C. δ 28″2
82. 2.24	3	15.547	28.79			
84. 2.21	4	15.591	28.62			
85. 2. 7	5	15.690	28.15			
85. 2. 9	5	15.719	28.95			
3038	9.5	3.8057	+0.0009	− 0.388	−0.555	28°1040
73. 2.27	3	6 4 26.104	28 45 6.76			†
3039	9.2	3.7681	+0.0009	− 0.392	−0.549	27°1017
74. 3. 3	3	6 4 28.862	27 30 7.34			
93. 3. 1	5	28.790	8.27			
3040	9.1	3.8417	+0.0008	− 0.397	−0.560	29°1144
78. 2.18	3	6 4 32.438	29 55 36.91			
83. 2.16	3	32.339	35.83			
83. 2.22	3	32.432	36.92			
3041	8.8	3.6942	+0.0009	− 0.422	−0.538	24°1159
74. 3. 7	3	6 4 49.248	24 57 12 37			
82. 3.17	3	49.380	12.02			
91. 2.23	7	49.479	11.54			$-\ 1^s$
3042	8.9	3.8259	+0.0008	− 0.428	−0.558	29°1145
79. 3. 8	2	6 4 53.578	29 24 52.85			
84. 3 10	4	53.568	52.04			
85. 3. 4	5	53.561	53.00			$-\ 5'$
3043	8.7	3.8362	+0.0007	− 0.434	−0.559	29°1146
78. 2.12	3	6 4 57.494	29 45 6.10			Z.C. δ 6″8
85. 2.20	4	57.526	7.55			
3044	8.5	3.7161	+0.0009	− 0.435	−0.542	25°1159
86. 2.25	5	6 4 58.384	25 43 13.49			
91. 2 24	7	58.155	14.88			
3045	9^m4	3^s7474	$+0^s0008$	$-\ 0''436$	$-0''546$	26°1133
86. 3. 8	5	$6^h\ 4^m58^s649$	$26^\circ 47'\ 56''34$			
88. 2.10	2	58.836	57.50			
3046	9.2	3.7145	+0.0009	− 0.448	−0.541	25°1160
87. 2.25	5	6 5 7.530	25 39 41.28			
93. 2.25	7	7.548	41.85			
3047	8.5	3.7669	+0.0008	− 0.452	−0.549	27°1019
80. 3. 3	3	6 5 9.737	27 27 37.57			Z.C. δ 37″6
80. 3.10	3	9.837	37.88			
83. 2.23	2	9.860	36.95			
85. 2.27	5	9.835	37.98			
3048	8.2	3.8151	+0.0008	− 0.466	−0.556	29°1147
78. 2.18	3	6 5 19.779	29 3 47.15			
79. 3. 8	2	19.690	45.81			
82. 3.16	3	19.682	44.30			
84. 3.15	4	19.767	45.13			
3049	9.4	3.7105	+0 0009	− 0.467	−0 541	25°1161
74. 1.20	3	6 5 19.890	25 31 24.54			
76. 3. 4	3	19.998	24.51			
3050	8.4	3.7064	+0.0008	− 0 494	−0.540	25°1163
76. 2.11	3	6 5 39.020	25 22 54.54			
83. 2.16	3	38.807	54.90			
84. 2 28	3	39.050	52.67			
84. 3.14	5	38.768	52.80			
3051	9.0	3.7591	+0.0007	− 0.499	−0.548	27°1024
82. 2.24	3	6 5 42.094	27 11 52.44			
84. 3.12	3	42.140	52.79			
3052	9.0	3.7382	+0.0008	− 0.501	−0.545	26°1139
79. 3. 1	3	6 5 43.354	26 29 6.89			Z.C. δ 7″6
80. 2.26	3	43.662	8.23			
3053	9.0	3 7158	+0.0008	− 0.501	−0.541	25°1164
84. 2.21	1	6 5 43.732	25 42 39.84			
88. 3. 1	5	43.739	40.33			
3054	9.2	3.7945	+0.0006	− 0.503	−0.553	28°1048
83. 2.22	3	6 5 45.255	28 23 9.86			
85. 3.12	5	45.406	9.17			
3055	9.5	3.7966	+0.0006	− 0.516	−0.553	28°1049
83. 2.23	2	6 5 53.811	28 27 30.31			
93. 3. 8	3	54.070	30.45			
3056	9.0	3.8050	+0.0005	− 0.557	−0.555	28°1051
85. 2. 9	5	6 6 22.285	28 44 12.82			
93. 3. 4	7	22.517	11.16			
3057	8.7	3.7847	+0.0005	− 0 569	−0.551	28°1052
84. 3.10	4	6 6 29.989	28 3 36.98			
93. 2.14	5	30.103	38.23			
3058	8.2	3.7722	+0.0005	− 0.589	−0.550	27°1028
82. 3.17	3	6 6 44.259	27 38 48.03			
83. 2.16	3	44.322	47.63			
84. 3.15	5	44.334	47.15			

3059	$9^m.1$	$3^s.7652$	$+0^s.0005$	$-0''.604$	$-0''.549$	27°1029
85. 2. 5	5	$6^h\ 6^m 54^s.530$	27° 24′ 22″.75			
85. 2. 7	7	54.320	23.91			
3060	9.0	3.7649	+0.0005	− 0.614	−0.549	27°1030
83. 2.23	2	6 7 1.037	27 23 45.84			
85. 2.19	7	1.371	45.79			
3061	8.2	3.7035	+0.0006	− 0.620	−0.539	25°1174
80. 2.26	3	6 7 5.350	25 16 52.95			
82. 3.16	1	5.471	51.97			
85. 2.27	3	5.483	52.02			
3062	8.8	3.7805	+0.0005	− 0.624	−0.551	27°1032
84. 2 28	4	6 7 7.759	27 55 29.16			
85. 3. 4	7	7.579	30.01			
3063	8.8	3.8121	+0.0004	− 0.627	−0.555	28°1053
82. 2.24	3	6 7 9.797	28 58 10.43			
85. 2.20	5	10.142	11.20			
94. 2. 5	7	9.845	9.46			
3064	8.3	3.8226	+0.0004	− 0.630	−0.557	29°1153
78. 2.18	3	6 7 11.696	29 18 52.11			
79. 3. 8	3	11.669	51.27			
84. 3.12	3	11.748	50.87			
3064^a	4.4	3.8295	+0.0004	− 0.648	−0.558	29°1154
86. 3. 4	5	6 7 24.708	29 32 27.04			§
96. 1.14	7	24.606	24.93			
96. 1.15	5	24.583	24.03			clds
96. 1.17	7	24.482	24.28			
3065	9.1	3.7096	+0.0006	− 0.649	−0.540	25°1177
84. 3.10	5	6 7 25.210	25 29 57.58			
85. 3.12	5	25.367	57.43			
3066	8.5	3.8211	+0.0004	− 0.652	−0.556	29°1155
84. 3.14	5	6 7 27.447	29 15 55.04			
93. 3. 1	7	27.423	55.45			
3067	9.0	3.7444	+0.0005	− 0.653	−0.545	26°1148
79 3. 1	3	6 7 27.992	26 41 57.87			
83. 2.22	3	28.120	58.80			
3068	8.7	3.8131	+0.0003	− 0.661	−0.555	29°1158
78. 2.18	3	6 7 33.584	29 0 19.66			Z.C. δ 19″.3
79. 3. 8	3	33.827	19.11			
82. 3.17	3	33.607	19.07			
3069	9.2	3.8459	+0.0003	− 0.663	−0.560	30°1165
87. 2.25	7	6 7 34.875	30 4 13.45			
93. 3. 9	4	34.917	14.03			
3070	7.5	3.7058	+0.0005	− 0.673	−0.540	25°1180
80. 2.26	3	6 7 41.571	25 22 7.28			
84. 3.15	2	41.654	6.99			
3071	9.3	3.7607	+0.0004	− 0.699	−0.548	27°1035 B
93. 3. 8	1	6 7 59.458	27 15 37.79			†

See appendix 3070^a, 3071

3072	$9^m.4$	$3^s.7093$	$+0^s.0005$	$-0''.703$	$-0''.540$	25°1184
94. 2. 8	7	$6^h\ 8^m\ 1^s.892$	25° 29′ 37″.90			
94. 2. 9	7	1.855	41.59			$+10^s$
3073	8.0	3.7797	+0.0004	− 0.703	−0.551	27°1036
83. 2.16	3	6 8 2.310	27 53 55.13			
83. 2.23	2	2.288	55.24			
91. 2.23	7	2.489	56.45			
3074	9.1	3.8441	+0.0002	− 0.706	−0.560	30°1169
88. 3. 1	7	6 8 4.378	30 0 49.10			†
3075	8.5	3.7371	+0.0004	− 0.708	−0.544	26°1150
82. 2.24	3	6 8 5.545	26 27 12.67			
93. 3. 9	3	5.436	12.94			
3076	9.4	3.7125	+0.0004	− 0.712	−0.540	25°1185
83. 2.22	3	6 8 8.392	25 36 14.10			
94. 2.12	7	7.933	13.83			
3077	8.0	3.7899	+0.0004	− 0.714	−0.552	28°1058
84. 3.14	2	6 8 9.474	28 14 18.60			Z.C. $\alpha\ 9^s.52$
91. 2.27	7	9.566	18.66			
3078	7.0	3.8480	+0.0002	− 0.728	−0.561	30°1172
84. 3.10	2	6 8 19.712	30 8 26.50			
85. 2. 9	5	19.595	26.18			
3079	9.0	3.7898	+0.0004	− 0.730	−0.552	28°1059
93. 2.25	7	6 8 20.514	28 14 15.49			
94 2.13	3	20.211	11.93			
3080	9.2	3.8385	+0.0002	− 0.732	−0.559	29°1160
94. 2.19	3	6 8 21.782	29 50 3.96			§
95. 1.18	7	22.346	6.19			
95. 1.23	7	22.416	6.16			
95. 1.29	7	22.214	6.52			
3081	8.8	3 7918	+0.0003	− 0.736	−0.552	28°1060
84. 2.28	3	6 8 25.090	28 18 19.54			
93. 3. 4	7	24.992	21.97			
3082	7.5	3.8095	+0.0002	− 0.738	−0.555	28°1062
79. 3. 7	2	6 8 26.129	28 53 25.39			
85. 2.27	3	26.243	24.25			
3083	9.0	3.8354	+0.0001	− 0.742	−0.559	29°1161
84. 2.21	3	6 8 28.714	29 44 5.00			
93. 2.15	7	28.642	3.67			
3084	9.5	3.8372	+0.0001	− 0.747	−0.559	29°1162
93. 3.10	4	6 8 31.905	29 47 31.75			† bad Z.C. $\alpha\ 31^s.90$
3085	8.9	3.7457	+0.0003	− 0.747	−0.545	26°1151
74. 2.10	1	6 8 32.703	26 44 60.50			
76. 2.15	1	32.789	59.61			
79. 3. 1	3	32.490	58.60			
3086	9.3	3.7607	+0.0003	− 0.757	−0.547	27°1040
74. 3. 3	2	6 8 39.337	27 15 47.81			
94. 2.20	7	39.188	48.28			

3087	$9^{m}.5$	$3^{s}.7299$	$+0^{s}.0003$	$-\ 0''.765$	$-0''.543$	26°1155
74. 1.27	2	$6^{h}\ 8^{m}44^{s}.636$		$26^{\circ}12'\ 39''.25$		
94. 2.21	5	44.423		37.37		
94. 2.22	7	44.322		40.60		
3088	9.5	3.7172	+0.0003	− 0.776	−0.541	25°1187
74. 3. 7	3	6 8 52.491		25 46 11.84		
94. 2.13	3	52.549		8.45		
3089	8.0	3.8449	0.0000	− 0.778	−0.560	30°1177
79. 3. 8	2	6 8 53.661		30 2 33.77		
80. 2.17	3	53.698		33.16		
82. 3.16	3	53.577		32.93		
82. 3.17	3	53.618		34.36		
3090	9.1	3.7025	+0.0004	− 0.782	−0.539	25°1188
77. 3. 5	2	6 8 56.480		25 15 32.86		
80. 3. 3	2	56.528		32.43		
83. 2.22	2	56.506		32.56		
3091	8.2	3.7393	+0.0002	− 0.793	−0.544	26°1156
77. 3.14	2	6 9 3.953		26 31 58.31		Z.C. δ 57″.8
80. 2.26	3	3.837		57.73		
80. 3.10	3	3.922		57.27		
3092	8.5	3.8306	0.0000	− 0.797	−0.558	29°1163
78. 2.12	1	6 9 6.930		29 34 58.78		Z.C. δ 58″.6
79. 3. 6	3	6.623		58.19		
86. 3. 4	5	6.784		58.77		
3093	8.5	3.7104	+0.0003	− 0.804	−0.540	25°1191
74. 1.20	2	6 9 11.416		25 32 3.05		
76. 2.11	3	11.636		3.01		
76. 3. 4	2	11.644		3.03		
3094	9.0	3.7793	+0.0002	− 0.806	−0.551	27°1041
74. 3. 3	1	6 9 13.019		27 53 28.72		
74. 3.11	3	12.820		27.56		
79. 3. 3	2	12.761		28.46		ft.
3095	9.4	3.7373	+0.0002	− 0.824	−0.544	26°1160
82. 2.24	3	6 9 24.935		26 27 57.11		
82. 3. 6	2	24.893		54.58		
3096	9.1	3.7626	+0.0002	− 0.831	−0.548	27°1043
77. 2. 2	3	6 9 29.918		27 19 51.50		
82. 2.15	3	30.065		53.05		
3097	8.9	3.7561	+0.0001	− 0.839	−0.547	27°1045
74. 3.11	2	6 9 35.258		27 6 44.64		
75. 3.10	3	35.288		47.93		
81. 2.28	3	35.387		46.00		
85. 2.19	5	35.332		44.29		
3098	7.7	3.8206	−0.0001	− 0.858	−0.556	29°1165
74. 2.19	3	6 9 48.297		29 15 41.86		
78. 3. 4	3	48.211		43.13		
79. 3. 6	1	48.461		42.50		
3099	9.1	3.7858	0.0000	− 0.859	−0.551	28°1070
76. 3.11	3	6 9 49.279		28 6 45.77		Z.C. δ 45″.7
80. 2.21	3	49.050		44.96		
80. 2.26	3	49.247		46.26		
3100	$10^{m}.0$	$3^{s}.7175$	$+0^{s}.0001$	$-\ 0''.861$	$-0''.541$	— —
74. 2.20	3	$6^{h}\ 9^{m}50^{s}.556$		$25^{\circ}47'\ 2''.80$		v. ft. †
3101	9.3	3.7594	+0.0001	− 0.862	−0.547	27°1048
75. 3.10	2	6 9 50.968		27 13 26.23		†
3102	8.6	3.7359	+0.0001	− 0.874	−0.544	26°1164
74. 1.27	3	6 9 59.615		26 24 38.52		
74. 2.10	2	59.607		38.77		
77. 2.26	3	59.522		38.41		
3103	9.1	3.7306	+0.0001	− 0.877	−0.543	26°1166
79. 3. 1	3	6 10 1.843		26 14 27.73		s.p. of 2
80. 2.25	3	1.735		28.01		Z.C. α $1^{s}.80$
83. 2.13	3	1.812		29.37		Z.C. No.
84. 2.28	2	1.875		27.45		[26° 1166
85. 2.27	5	1.855		28.83		
86. 2.25	5	1.785		28.01		
86. 3. 3	5	1.773		29.58		
86. 3 8	7	1.700		27.96		
3104	8.8	3.7599	+0.0001	− 0.881	−0.547	27°1049
80. 3.10	3	6 10 4.185		27 14 22.56		Z.C. δ 23″.0
82. 3.17	3	4.105		23.35		
3105	7.4	3.7839	0.0000	− 0.885	−0.551	28°1071
73. 2.27	3	6 10 7.065		28 2 57.84		
75. 2. 5	3	6.861		59.04		
76. 2.24	3	6.990		58.95		
3106	9.5	3 7284	+0.0001	− 0.891	−0.543	26°1168
83. 2. 6	3	6 10 10.816		26 9 51.38		
85. 2. 9	6	10.938		51.53		
85. 3. 4	5	10.785		50.61		
88. 2.10	3	11.088		50.15		v. ft.
3107	8.0	3.7376	+0.0001	− 0.903	−0.544	26°1169
76. 2.15	2	6 10 19.545		26 28 41.24		
77. 3.14	2	19.571		42.18		
81. 2.28	2	19.677		41.52		− 1′
82. 2.15	2	19.552		42.88		
82. 2.24	1	19.518		41 43		
3108	9.4	3.7164	+0.0001	− 0.912	−0.541	25°1199
74. 3. 7	2	6 10 25.480		25 44 43.77		
83. 2.22	2	25.954		45.07		
87. 2.25	1	25.725		43.43		
3109	7.2	3.7602	0.0000	− 0.919	−0.547	27°1054
74. 3. 3	1	6 10 30.633		27 15 22 40		
74. 3.11	2	30.854		21.92		
79. 3. 3	2	31.002		23.43		
86. 3. 6	5	30.788		22.05		
3110	7.0	3.8379	−0.0002	− 0.930	−0.558	29°1170
74. 2.19	3	6 10 38.044		29 49 38.62		Z.C. δ 38″.7
75. 2.15	3	38.149		39.24		
78. 2.12	2	38.210		38.14		
3111	9.1	3.7219	0.0000	− 0.940	−0.542	25°1204
74. 1.20	3	6 10 44.778		25 56 23.82		Z.C. δ 24″.0
74. 2.20	3	44.804		24.11		
76. 2.11	3	44.938		23.95		
80. 2.25	2	45.020		23.57		
80. 3. 3	3	44.954		25.02		

3112	$9^{m}0$	$3^{s}7214$	$0^{s}0000$	$-\ 0''942$	$-0''542$	25°1205
77. 3. 5	3	$6^{h}10^{m}46^{s}181$	25° 55′ 29″57			ft.
92. 2.22	7	46.123	29.16			
93. 2. 7	3	46.597	28.55			* v. ft.
3113	8.0	3.7853	−0.0001	− 0.954	−0.551	28°1073
74. 2.17	3	6 10 54.345	28 6 1.73			
76. 3.11	3	54.290	1.85			
79. 3. 7	3	54.266	2.35			
3114	7.9	3.7061	+0.0001	− 0.963	−0.540	25°1207
74. 3. 7	3	6 11 0.607	25 23 37.98			
80. 2.10	3	0.794	36.77			
80. 2.17	3	0.742	38.16			
80. 2.21	3	0.640	37.53			
3115	8.4	3.7114	0.0000	− 0.966	−0.540	25°1208
74. 2.20	1	6 11 2.705	25 34 37.44			
76. 3. 4	3	2.845	38.84			
80. 2.26	3	2.850	38.98			
3116	8.9	3.8423	−0.0003	− 0.982	−0.559	29°1172
74. 2.19	2	6 11 13.853	29 58 16.74			
79. 3. 8	3	14.046	19.10			
82. 3. 6	3	14.097	18.43			
82. 3.17	3	13.923	18.93			
3117	8.9	3.8257	−0.0003	− 0.984	−0.557	29°1173
78. 2.18	3	6 11 15.179	29 26 2.63			Z.C. δ 1″9
79. 3. 8	3	15.252	1.68			
82. 3.13	3	15.322	1.41			
3118	9.3	3.7828	−0.0002	− 0.986	−0.550	28°1074
81. 2.28	2	6 11 16.240	28 1 11.34			Z.C. δ 12″2
82. 2.15	1	16.447	12.43			
88. 3. 1	7	16.440	12.75			
3119	9.3	3.7969	−0.0002	− 0.993	−0.552	28°1075
87. 2.26	7	6 11 21.118	28 29 10.29			
88. 3. 8	7	21 114	10.07			
3120	9.3	3.8274	−0.0003	− 1.000	−0.557	29°1175
78. 3. 4	3	6 11 25.883	29 29 22.48			Z.C. α 26ˢ02
79. 3. 6	2	26.166	22.20			Z.C. δ 22″3
3121	8.4	3.7536	−0.0001	− 1.003	−0.546	27°1060
74. 3.11	1	6 11 27.992	27 1 57.72			
77. 2. 2	3	28.040	57.57			
82. 3.16	3	27.962	56.75			
3122	8.9	3.7244	0.0000	− 1.003	−0.542	26°1177
74. 2.10	3	6 11 28.330	26 1 44.11			Z.C. δ 44″0
76. 2.15	3	28.054	43.31			
77. 2.26	3	28.147	44.23			
90. 3. 3	7	28.287	44.19			
3123	9.0	3.7513	−0.0001	− 1.004	−0.546	26°1178
74. 1.27	3	6 11 28.649	26 57 26.06			
79. 3. 1	3	28.635	25.73			
86. 3. 4	5	28.521	25.33			
3124	9.2	3.7820	−0.0002	− 1.009	−0.550	27°1061
80. 2.17	3	6 11 32.090	27 59 34.02			
84. 3.10	5	32.089	34.39			
85. 2.19	5	32.343	32.74			

3125	$8^{m}7$	$3^{s}7157$	$-0^{s}0001$	$-\ 1''023$	$-0''541$	25°1213
74. 1.20	2	$6^{h}11^{m}41^{s}451$	25° 43′ 54″36			
77. 3. 5	2	41.647	53.17			
80. 2.10	3	41.513	52.89			
80. 2.21	1	41.461	52.29			
3126	8.9	3.7319	−0 0001	− 1.039	−0.543	26°1179
74. 2.10	1	6 11 53.034	26 17 32.55			Z.C. δ 34″1
77. 2.26	3	53.059	34.33			
80. 3. 3	3	52.977	34.85			
83. 2.13	3	53.012	34.58			
3127	9.5	3.8015	−0.0004	− 1.046	−0.553	28°1077
73. 2.27	3	6 11 57.497	28 38 34.65			
74. 2 17	3	57.552	33.93			v. ft.
3128	8.9	3.7445	−0.0002	− 1.047	−0.545	26°1181
77. 3.14	3	6 11 58.529	26 43 40.63			
84. 3.15	4	58.628	38.48			
3129	9.1	3.7579	−0.0002	− 1.055	−0.547	27°1064
80. 3.10	2	6 12 3.844	27 11 5.62			
86. 2.25	5	3.777	4.34			
91. 2.27	7	3.730	5.65			
91. 3.12	7	3.835	4.89			
3130	7.0	3.7965	−0.0003	− 1.056	−0.552	28°1078
75. 2. 5	3	6 12 4.415	28 28 34.55			
76. 2.24	3	4.428	35.28			
76. 3.11	3	4.525	34.02			
79. 3. 7	3	4.497	34.17			
3131	7.8	3.6966	−0.0001	− 1.064	−0.538	25°1215
74. 3. 7	3	6 12 9.631	25 3 49.93			
84. 2.21	3	9.662	49.09			
84. 3.14	3	9.602	48.82			
3132	8.3	3.7653	−0.0002	− 1.070	−0.548	27°1066
74. 3. 3	3	6 12 14.066	27 26 1.46			
75. 3.10	3	14.111	2.06			
77. 2. 2	3	14.099	3.22			
3133	8.8	3.8291	−0.0005	− 1.073	−0.557	29°1180
75. 2.15	3	6 12 15.995	29 33 4.23			
78. 2.18	3	15.989	4.35			
78. 3. 4	3	16.025	4.30			
82. 3. 6	3	16.221	4.14			
82. 3.17	3	15.929	4.82			
3134	9.0	3.7648	−0.0002	− 1.073	−0.548	— —
75. 3.10	2	6 12 16.191	27 24 52.90			
92. 2.16	6	16.036	50.63			
92. 2.18	5	16.327	51.71			
3135	8.6	3.7723	−0.0003	− 1.087	−0.549	27°1068
79. 3. 3	3	6 12 25.753	27 40 24.22			
82. 3.16	3	25.701	23.93			
84. 2.28	4	25.518	21.46			
89. 3. 4	7	25.664	23.69			
3136	8.9	3.8341	−0.0005	− 1.090	−0.558	29°1181
82. 2.24	3	6 12 27.540	29 42 46.89			c. d. f.
85. 3. 4	5	27.648	47.23			v. c. d. f.
91. 2.23	7	27.644	48.28			c. d. m.
91. 2.24	5	27.470	48.06			c. d. p.

3137	$8^{m}.6$	$3^{s}.7859$	$-0^{s}.0005$	$-\ 1''.091$	$-0''.551$	28°1080
79.	3. 7	2	$6^{h}12^{m}28^{s}.380$		$28^{\circ}\ 7'\ 36''.76$	
86.	3. 3	5	28.419		36.99	
3138	9.0	3.7622	−0.0004	− 1.100	−0.547	27°1069
83.	2.22	3	6 12 34.654		27 19 58.68	
92.	2.29	4	34.710		56.75	ft. w. 3 + 1^{s}
93.	2.14	7	34.598		57.26	
3139	8.7	3.7724	−0.0004	− 1.100	−0.549	27°1070
82.	3.16	2	6 12 34.869		27 40 35.47	
85.	2.20	5	34.654		38.16	
3140	8.7	3.8043	−0.0005	− 1.103	−0.554	28°1081
74.	2.17	3	6 12 36.809		28 44 18.43	
75.	2. 5	3	36.736		18.21	
76.	2.24	2	36.691		18.01	
3141	9.1	3.7497	−0.0003	− 1.112	−0.546	26°1184
86.	3. 6	5	6 12 42.953		26 54 29.04	
91.	2.25	7	43.040		27.11	§
93.	2.15	4	43.046		24.25	
94.	2. 5	7	42.635		26.82	
94.	2.13	3	42.998		27.61	
3142	8.4	3.7414	−0.0003	− 1.113	−0.544	26°1185
79.	3. 1	3	6 12 43.464		26 37 17.34	Z.C. $\delta\ 16''.9$
80.	2.25	3	43.573		16.31	
80.	2.26	3	43.663		17.30	
85.	2.27	5	43.569		17.41	
86.	2. 9	5	43.459		16.10	
3143	9.5	3.7441	−0.0003	− 1.115	−0.545	26°1186
76.	2.15	3	6 12 44.937		26 42 50.53	†
3144	9.0	3.7014	−0.0002	− 1.122	−0.538	25°1222
74.	2.20	2	6 12 49.635		25 14 18.08	
76.	2.11	3	49.386		18.07	
83.	2. 6	3	49.707		18.36	
3145	9.0	3.8313	−0.0006	− 1.123	−0.557	29°1187
78.	2.18	3	6 12 49.966		29 37 22.64	Z.C. $\alpha\ 50^{s}.04$
82.	3.13	3	50.120		21.22	
3146	7.9	3.7135	−0.0002	− 1.124	−0.540	25°1223
76.	3. 4	3	6 12 51.219		25 39 39.16	
80.	2.10	3	51.231		36.91	
85.	2. 9	7	51.088		37.48	
3147	9.5	3.7188	−0.0002	− 1.126	−0.541	25°1224
94.	2. 8	7	6 12 52.518		25 50 37.25	
94.	2. 9	3	52.444		35.29	
3148	9.0	3.8126	−0.0005	− 1.126	−0.555	29°1188
80.	3. 3	3	6 12 52.709		29 0 59.79	
91.	2.26	7	52.617		60.08	
3149	7.3	3.7015	−0.0002	− 1.128	−0.538	25°1225
74.	2.20	2	6 12 53.875		25 14 24.10	
76.	2.11	2	53.946		24.48	
83.	2. 6	2	53.896		24.28	

3150	$8^{m}.9$	$3^{s}.7392$	$-0^{s}.0003$	$-\ 1''.140$	$-0''.544$	26°1187
85.	3. 7	5	$6^{h}13^{m}\ 2^{s}.389$		$26^{\circ}\ 32'\ 52''.67$	Z.C. $\delta\ 53''.3$
85.	3.12	5	2.265		53.25	
85.	3.14	5	2.208		53.98	
3151	7.0	3.8250	−0.0005	− 1.146	−0.557	29°1189
78.	2.12	2	6 13 6.486		29 25 22.73	
78.	3. 4	3	6.324		23.50	
80.	2.17	3	6.475		22.59	
3152	8.7	3.7162	−0.0002	− 1.149	−0.541	25°1226
87.	2.12	5	6 13 8.582		25 45 17.21	
87.	2.28	5	8.561		16.75	
3153	6.4	3.8303	−0.0006	− 1.156	−0.557	29°1190
78.	2.18	2	6 13 13.297		29 35 41.12	Z.C. $\delta\ 40''.8$
84.	3.10	5	13.168		40.56	
3154	9.3	3.8337	−0.0006	− 1.163	−0.558	29°1191
84.	3.14	5	6 13 18.229		29 42 19.17	†
3155	9.0	3.8214	−0.0006	− 1.168	−0.556	29°1192
85.	2.19	5	6 13 21.473		29 18 17.62	
93.	2.25	7	21.513		18.55	
3156	9.0	3.7372	−0.0004	− 1.173	−0.544	26°1191
79.	3. 1	2	6 13 24.596		26 28 55.41	
82.	3. 6	3	24.699		56.00	
83.	2.22	3	24.653		56.40	
3157	9.4	3.8083	−0.0006	− 1.178	−0.554	28°1086
73.	2.27	3	6 13 28.070		28 52 33.05	
76.	3.11	3	28.145		33.79	
3158	9.1	3.8212	−0.0006	− 1.179	−0.556	29°1193
82.	2.15	3	6 13 29.242		29 17 59.33	
82.	2.24	2	28.967		59.07	
84.	3.15	4	28.980		58.75	
87.	3.12	5	29.009		57.88	
3159	9.4	3.7116	−0.0003	− 1.180	−0.540	25°1228
87.	2.16	5	6 13 29.775		25 35 50.98	v. ft.
88.	2.10	7	29.746		50.40	
3160	8.9	3.6963	−0.0003	− 1.220	−0.537	25°1232
80.	2.25	3	6 13 57.144		25 3 40.76	Z.C. $\delta\ 40''.5$
80.	2.26	3	57.263		41.13	
85.	2.27	5	57.133		39.64	
3161	9.1	3.7692	−0.0006	− 1.229	−0.552	27°1081
82.	3.17	3	6 14 3.253		27 34 42.91	
84.	2.28	4	3.415		39.86	
88.	3. 8	7	3.204		42.61	
3162	7.0	3.8433	−0.0008	− 1.230	−0.559	30°1211
84.	2.21	5	6 14 3.695		30 1 8.64	
84.	3.14	2	3.702		9.00	
3163	9.2	3.7688	−0.0006	− 1.231	−0.548	27°1082
88.	3. 1	5	6 14 4.545		27 33 48.00	
93.	3. 8	4	4.381		46.91	

3164	9^{m}.5	3^{s}.8295	−0^{s}.0008	− 1″.233	−0″.557	29°1196
82.	3. 6	3	6^{h} 14^{m} 5^{s}.780	29° 34′ 23″.05		
86.	3. 3	5	5.500	22.90		
3165	9.2	3.7289	−0.0005	− 1.265	−0.542	26°1198
85.	3. 4	5	6 14 27.936	26 12 16.86		
86.	2.25	5	27.642	17.74		
3166	9.4	3.7589	−0.0006	− 1.271	−0.546	27°1084
94.	2.12	3	6 14 31.957	27 13 49.58		
94.	2.28	7	31.629	50.47		
3167	7.9	3.8108	−0.0008	− 1.271	−0.554	28°1094
75.	2. 5	3	6 14 32.032	28 58 5.47		
76.	2.24	3	31.897	5.96		s.p. of 2
82.	3.13	3	32.057	5.95		
3168	8.8	3.7871	−0.0007	− 1.274	−0.551	28°1095
82.	3.16	3	6 14 33.912	28 10 45.54		
93.	3. 1	7	33.813	45.78		
3169	9.4	3.7592	−0.0006	− 1.274	−0.546	27°1086
90.	3. 3	5	6 14 34.089	27 14 18.10		
94.	2.27	6	33.768	17.75		
3170	8.5	3.7127	−0.0005	− 1.276	−0.539	25°1236
84.	3.10	5	6 14 35.151	25 38 30.43		
93.	3. 9	4	35.062	30.90		
3171	9.2	3.6984	−0.0004	− 1.277	−0.538	25°1237
87.	2.26	7	6 14 36.063	25 8 21.28		− 25′
91.	2.24	5	36.049	21.93		
3172	9.0	3.7464	−0.0006	− 1.279	−0.544	26°1200
79.	3. 1	2	6 14 37.699	26 48 18.66		
93.	3.11	2	37.731	16.95		†
3173	8.3	3.7440	−0.0006	− 1.280	−0.544	26°1201
84.	3.15	2	6 14 38.139	26 43 29.76		v. ft.; d.
93.	3. 8	3	38.309	30.54		d.s.f.
3174	8.7	3.8422	−0.0010	− 1.295	−0.559	29°1200
78.	2.18	3	6 14 48.332	29 59 19.54		Z.C. δ 18″.6
94.	2. 9	5	48.317	17.75		
3175	9.1	3.8265	−0.0009	− 1.299	−0.556	29°1201
87.	2.25	5	6 14 51.299	29 28 60.22		
94.	2.19	3	50.876	58.89		
3176	7.5	3.7829	−0.0008	− 1.305	−0.550	28°1097
79.	3. 7	3	6 14 55.340	28 2 37.65		
86.	3. 4	5	55.321	37.93		
3177	9.0	3.7677	−0.0008	− 1.310	−0.548	27°1088
82.	3. 6	1	6 14 58.579	27 31 58.36		
85.	3. 7	5	58.516	61.69		
85.	3.12	5	58.151	59.47		
3178	7.7	3.8020	−0.0009	− 1.319	−0.553	28°1099
75.	2. 5	3	6 15 5.206	28 40 46.00		
93.	3.16	6	5.328	46.77		

3179	8^{m}.4	3^{s}.7667	−0^{s}.0008	− 1″.325	−0″.548	27°1089
86.	3. 8	5	6^{h} 15^{m} 9^{s}.537	27° 30′ 8″.01		
93.	3.10	4	9.691	7.92		
3180	7.9	3.7753	−0.0008	− 1.332	−0.549	27°1090
84.	3.14	2	6 15 14.121	27 47 21.70		§
85.	2.19	5	14.216	20.18		
92.	2.22	7	14.154	22.28		
93.	3.11	3	14.178	20.79		
3181	8.1	3.7245	−0.0006	− 1.333	−0.541	26°1204
82.	2.15	3	6 15 14.360	26 3 23.65		
87.	3.12	5	14.351	22 79		
3182	8.0	3.7592	−0.0007	− 1.340	−0.546	27°1091
84.	3.12	4	6 15 19.826	27 14 53.34		
85.	2.27	3	19.942	51.72		
3183	8.4	3.8006	−0.0009	− 1.344	−0.552	28°1100
79.	3. 7	3	6 15 22.492	28 38 8.67		
82.	3.17	3	22.622	9.35		
3184	9.5	3.6984	−0.0006	− 1.346	−0.537	25°1241
94.	2.12	3	6 15 23.407	25 8 42.04		†
3185	8.9	3.8445	−0.0011	− 1.348	−0.559	30°1216
83.	2. 6	3	6 15 24.731	30 4 4.40		
94.	2. 8	3	24.559	3.96		
3186	8.3	3.8060	−0.0009	− 1.352	−0.553	28°1101
76.	2.24	1	6 15 27.508	28 48 54.02		
82.	3.13	3	27.524	53.00		
3187	9.4	3.8246	−0.0010	− 1.357	−0.557	29°1205
94.	2.20	3	6 15 30.539	29 25 54.04		
94.	2.22	4	30.516	54.04		
3188	9.5	3.8130	−0 0010	− 1.361	−0.554	29°1206
82.	2.24	2	6 15 33.579	29 2 52.77		†
3189	8.9	3.8131	−0.0010	− 1.366	−0.554	29°1208
80	2.26	3	6 15 37.255	29 3 6.73		Z.C. δ 6″.4
82.	2.24	2	37.209	6.11		
3190	9.3	3.6988	−0.0006	− 1.367	−0.538	25°1244
91.	2.25	7	6 15 37.996	25 9 39.23		§
94.	2.20	2	37.898	39.25		
94.	2.21	5	37.852	38.41		
94.	2.22	1	37.792	39.09		
94.	2.24	7	37.963	39 38		
3191	9.0	3.8359	−0.0010	− 1.369	−0.557	29°1209
84.	2.28	4	6 15 39.333	29 47 39.17		
93.	3. 9	6	39.144	40.92		
3192	7.8	3.7572	−0.0008	− 1.371	−0.546	27°1092
84.	2.21	5	6 15 40.819	27 10 37.97		+ 1^{m}
86.	2. 9	5	40.857	38.12		
3193	8 7	3.7471	−0.0008	− 1.382	−0.544	26°1205
80.	2.25	3	6 15 48.294	26 50 21.55		clds
80.	2.26	2	48.174	21.39		Z.C. δ 21″.6
82.	3.16	3	48.246	21.74		

3194	$8^{m}9$	$3^{s}8125$	$-0^{s}0010$	− 1″393	−0″554	29°1210
	85. 3. 4	2	$6^{h}15^{m}55^{s}777$	29° 2′ 5″72		Z.C.Ep.89.1
	93. 2.15	7	55.935	6.64		
3195	8.5	3.7272	−0.0007	− 1.404	−0.542	26°1206
	84. 3.10	4	6 16 3.650	26 9 23.74		
	84. 3.15	2	3.513	23.39		
3196	8.7	3.7030	−0.0006	− 1.414	−0.538	25°1249
	86. 2.24	5	6 16 9 980	25 18 44.22		
	86. 2.25	5	9.755	41.80		
3197	8.3	3.7077	−0.0007	− 1.429	−0.539	25°1251
	87. 2.16	7	6 16 20.596	25 28 41.48		
	93. 3. 4	7	20.650	41.19		
3198	9.5	3.7985	−0.0011	− 1.445	−0.552	28°1105
	82. 2.15	3	6 16 31.587	28 34 18.61		
	94. 2. 5	7	31.138	20.85		
3199	9.4	3.7298	−0.0008	− 1.451	−0.542	26°1210
	79. 3. 1	3	6 16 36.312	26 15 19.42		$+1^{m}$
	93. 3. 8	3	36.327	18.81		
3200	8.6	3.8453	−0.0013	− 1.469	−0.558	30°1219
	86. 3. 3	5	6 16 47.861	30 6 8.78		
	93. 3. 1	7	47.750	9.47		
3201	9.3	3.6889	−0.0008	− 1.474	−0.536	24°1251
	86. 3. 4	5	6 16 51.900	24 49 22.60		
	87. 2.25	5	51.924	24.04		
3202	6.9	3.8349	−0.0013	− 1 477	−0.557	29°1213
	74. 2.19	3	6 16 53.802	29 46 15.21		Z.C. δ 15″1
	75. 3.15	2	53.606	14.44		
	78. 2.18	3	53.566	15.68		
3203	9.1	3.8041	−0.0012	− 1.478	−0.553	28°1108
	74. 2.17	3	6 16 54.625	28 45 41.62		
	76. 3.11	2	54.803	41.83		
	79. 3. 7	3	54.538	42.03		
3204	6.5	3.6972	−0.0008	− 1.489	−0.537	25°1255
	74. 3. 7	3	6 17 1.767	25 6 44.20		Z.C. α $1^{s}75$
	77. 3. 5	3	1.849	43.01		−30′
	84. 3.12	5	1.625	44.18		
3205	7.7	3.7840	−0.0011	− 1.496	−0.549	28°1109
	76. 2.24	2	6 17 6.762	28 5 46.28		−30′
	80. 2.17	3	6.715	45.19		Z.C. α $6^{s}65$
	80. 3.10	3	6.712	44.77		Z.C. δ 45″6
	84. 3.14	3	6.423	45.99		
3206	9.5	3.7101	−0.0009	− 1.496	−0.539	25°1256
	85. 2.20	6	6 17 6.666	25 34 3.80		
	96. 1.14	7	5.924	1.89		§
	96. 1.15	7	5.956	2.34		§
	96. 1.17	7	5.826	2.46		§ clds
3207	9.5	3.7096	−0.0009	− 1.498	−0.539	25°1257
	94. 2.12	3	6 17 8.265	25 33 8.85		Z.C. α $8^{s}30$
	95. 1.23	7	8.284	11.18		
	95. 1.29	—	—	12.46		α rejected v.ft.
	95. 2.13	7	8.341	10.99		v.ft.

3208	$8^{m}7$	$3^{s}8002$	$-0^{s}0012$	− 1″501	−0″552	28°1110
	80. 2.21	3	$6^{h}17^{m}10^{s}424$	28° 37′ 58″15		
	86. 2. 9	5	10.626	59.00		
3209	9.5	3.8180	−0.0013	− 1.504	−0.555	— —
	83. 2. 6	2	6 17 12.509	29 13 15.47		bad ex. ft. †
3210	9.5	3.8374	−0.0013	− 1.515	−0.557	29°1215
	86. 3. 8	5	6 17 20.086	29 51 21.25		v. ft.
	94. 2. 9	3	19.957	23.46		
3211	9.1	3.7884	−0.0012	− 1.518	−0.550	28°1112
	82. 3. 6	3	6 17 21.711	28 14 36.18		
	82. 3.17	3	21.634	36.67		
	84. 3.10	2	21.458	35.95		
3212	8.9	3.8307	−0.0014	− 1.527	−0.556	29°1217
	78. 2.18	3	6 17 28.435	29 38 15.38		
	79. 3. 8	3	28.436	15.16		
	82. 3.13	3	28.475	14.56		
3213	9.1	3.8012	−0.0013	− 1.529	−0.552	28°1113
	79. 3. 7	2	6 17 29.293	28 40 12.48		
	82. 2.24	3	29.252	11.37		
	82. 3.16	3	29.273	10.54		
	85. 2.27	3	29.283	11.20		
3214	9.4	3.7128	−0.0009	− 1.530	−0.539	25°1260
	74. 2.20	3	6 17 30.144	25 40 2.85		
	74. 3. 7	1	30.128	2.45		
	80. 3. 3	2	30.149	1.91		
3215	9.0	3.7258	−0.0010	− 1.531	−0.541	26°1215
	74. 2.10	3	6 17 31.055	26 7 3.22		
	76. 2.15	3	30.843	4.20		
	77. 3.14	3	30.891	4.24		
3216	9.1	3.7088	−0.0010	− 1.585	−0.538	25°1269
	86. 2.25	5	6 18 7.858	25 31 48.12		
	86. 3. 6	7	7.695	47.75		
	87. 2.26	5	7.823	48.54		− 1′
3217	8.8	3.7537	−0.0012	− 1.603	−0.545	27°1102
	74. 3. 3	3	6 18 20.084	27 4 58.15		
	74. 3.11	3	20.163	57.91		
	75. 3.10	3	19.831	57.56		
	77. 2. 2	3	20.129	58.64		
3218	9.2	3.7058	−0.0010	− 1.605	−0.538	25°1270
	74. 1.20	3	6 18 21.460	25 25 34.76		$+1^{m}$
	77. 3. 5	2	21.602	34.30		Z.C. δ 34″6
	80. 2.26	3	21.591	34.61		
3219	8.7	3.8324	−0.0015	− 1.605	−0.556	29°1221
	78. 3. 4	3	6 18 21.604	29 41 54.59		Z.C. δ 53″8
	79. 3. 6	3	21.564	54.09		
	80. 2.10	3	21.667	52.79		
	81. 2.28	3	21.788	53.89		
3220	8.9	3.7120	−0.0010	− 1.606	−0.539	25°1271
	94. 2. 8	4	6 18 22.621	25 38 42.57		
	95. 1.18	7	22.643	42.74		
	95. 1.30	7	22.405	43.28		
	95. 2. 6	7	22.516	45.93		

3221	$8^m.5$	$3^s.7101$	$-0^s.0011$	− 1″.608	−0″.538	25°1272
	76. 2.11	2	$6^h 18^m 23^s.301$	25° 34′ 44″.08		+ 1 int.
	76. 3. 4	2	23.621	44.19		Z.C. δ 44″.3
	78. 3. 2	3	23.691	44.72		
	82. 2.15	3	23.428	44.25		
3222	9.4	3.8430	−0.0016	− 1.609	−0.558	30°1226
	74. 2.19	3	6 18 24.664	30 2 40.17		Z.C. δ 41″.1
	78. 2.18	3	24.561	41.63		n of 2
	79. 3. 8	2	24.819	41.38		n of 2
3223	9.0	3.7126	−0.0011	− 1.616	−0.539	25°1273
	82. 2.20	3	6 18 29 325	25 40 3.98		
	82. 3. 6	3	29.503	4.07		
	93. 2.15	7	29.408	4.87		
	93. 2.25	7	29.394	3.21		
3224	8.5	3.7116	−0.0011	− 1.618	−0.538	25°1274
	74. 3. 7	1	6 18 30.731	25 37 51.90		− 5′
	78. 3. 2	3	30.766	51.51		
	80. 2.10	1	30.983	49.73		
	80. 2.17	3	30.823	51.46		
	82. 3.16	3	30.827	50.61		
	82. 3.17	3	30.848	51.44		
3225	8.9	3.6875	−0.0010	− 1.627	−0.535	24°1263
	86. 3. 3	5	6 18 36.590	24 47 2.51		
	90. 3. 6	7	36.749	3.29		†
3226	8.9	3.7282	−0.0011	− 1.628	−0.541	26°1222
	74. 2.10	3	6 18 37.630	26 12 22.25		Z.C. δ 23″.0
	76. 2.15	3	37.453	23.79		
	77. 2 26	3	37.501	22.82		
3227	9.1	3.7735	−0.0014	− 1.655	−0 548	27°1106
	74. 3. 3	3	6 18 56.127	27 45 33.38		†
3228	9.0	3.6885	−0.0011	− 1.675	−0.535	24°1264
	80. 2.26	2	6 19 9.438	24 49 25.46		Z.C. δ 25″.3
	82. 2.24	3	9.579	24.62		
	83. 2.13	3	9.622	25.71		
3229	8.8	3.6947	−0.0011	− 1.676	−0.536	25°1275
	74. 2.20	3	6 19 10.532	25 2 27.06		
	76. 2.11	3	10.390	27.61		
	80. 2.21	3	10.477	26.55		
	81. 2.28	3	10.468	25.80		
	82. 3.13	2	10.495	26.47		
3230	9.0	3.7617	−0.0013	− 1.683	−0.546	27°1109
	75. 3.10	3	6 19 15.311	27 21 40.63		
	77. 2. 2	3	15.281	41.76		
	79. 3. 3	3	15.226	40.74		
3231	8.7	3.8235	−0.0016	− 1.685	−0.555	29°1226
	78. 2.12	3	6 19 16.629	29 25 8.57		Z.C. δ 7″.8
	79. 3. 6	3	16.520	7.31		
	80. 3.10	3	16.556	7.64		
3232	8.6	3.6940	−0.0011	− 1.688	−0.536	25°1276
	74. 2.20	3	6 19 18.760	25 1 8.72		
	76. 2.11	1	18.921	10.21		
	82. 3.13	3	18.901	8.53		
3233	$9^m.0$	$3^s.7863$	$-0^s.0014$	− 1″.689	−0″.550	28°1120
	73. 2.27	3	$6^h 19^m 19^s.898$	28° 11′ 20″.62		
	74. 2.17	3	19.842	21.16		
	76. 2.24	3	19.795	21.23		
	76. 3.11	3	19.809	22.56		
3234	9.1	3.7476	−0.0013	− 1.697	−0.544	26°1227
	79. 3. 1	3	6 19 24.680	26 53 2.42		
	84 2.28	4	24.914	0.26		
	84. 3.10	5	24.729	3.38		
3235	9.5	3.8119	−0.0016	− 1.697	−0.553	— —
	83. 2.26	2	6 19 25.068	29 2 27.29		
	92. 2.22	6	25.388	24.75		v. ft.
3236	9.1	3.7375	−0.0013	− 1.702	−0.542	26°1229
	87. 2.25	5	6 19 28.422	26 32 17.33		
	87. 3.11	7	28.426	16.91		
3237	9.4	3.8110	−0.0016	− 1.702	−0.553	29°1227
	84. 2.21	3	6 19 28.522	29 0 37.31		
	86. 3. 8	5	28.577	37.61		
	91. 2.25	7	28.656	37.53		§
	91. 2.27	7	28.506	38.00		
3238	9.4	3.7533	−0.0013	− 1.703	−0.544	27°1110
	74. 3.11	3	6 19 29.185	27 4 43.25		
	83. 2.26	2	29.458	42.33		
	85. 3. 7	3	29.590	43.74		
	94. 2. 5	4	28.698	45.00		
	94. 2.12	5	28.964	41.89		
3239	9.1	3.7434	−0.0013	− 1.705	−0.543	26°1230
	87. 2.28	7	6 19 30.681	26 44 25.30		
	87. 3. 3	5	30.868	25.08		
3240	8.0	3.8325	−0.0017	− 1.707	−0.556	29°1228
	74. 2.19	3	6 19 31.832	29 42 48.55		Z.C. δ 48″.4
	78. 3. 4	3	31.625	48.54		
	79. 3. 8	3	31.832	48.10		+ 1^s
3241	9.1	3.7061	−0.0012	− 1.712	−0.538	25°1278
	76. 3. 4	3	6 19 35.379	25 26 40.22		
	77. 3. 5	3	35.315	40.38		
3242	9.0	3.7222	−0.0013	− 1.725	−0.540	26°1233
	77. 2.26	3	6 19 44.288	26 0 39.24		Z.C. α $44^s.32$
	77. 3.14	3	44.354	40.43		
3243	9.4	3.7112	−0.0013	− 1.732	−0.538	— —
	74. 1.21	3	6 19 48.349	25 37 50.07		Z.C. δ 50″.9
	80. 3. 3	3	48.576	51.13		
	82. 2.13	2	48.729	51.43		
3244	9.2	3.7491	−0.0014	− 1.733	−0.544	26°1234
	82. 2 24	3	6 19 49.532	26 56 16.56		†
3245	9.3	3.7404	−0.0014	− 1:739	−0.542	26°1235
	76. 2.15	2	6 19 53.788	26 38 36.22		ft. doubtful
	85. 3.12	4	53.790	34.78		v. ft.
3246	9.3	3.7814	−0.0015	− 1.756	−0.548	28°1124
	76. 3.11	3	6 20 5.412	28 1 57.47		
	79. 3. 7	3	5.413	57.07		

3247	$7^{\mathrm{m}}.6$	$3^{\mathrm{s}}.8201$	$-0^{\mathrm{s}}.0017$	− 1″756	−0″554	29°1231
75.	2.15	3	$6^{\mathrm{h}}\,20^{\mathrm{m}}\,5^{\mathrm{s}}.556$	29° 18′ 53″55		
77.	2.28	1	5.453	53.91		
78.	3. 4	3	5.652	54.02		
3248	9.0	3.8009	−0.0016	− 1.761	−0.551	28°1125
73.	2.27	3	6 20 9.242	28 41 1.86		
74.	2.17	3	9.298	1 51		
80.	2.21	3	9.108	0.27		
3249	9.2	3.8452	−0.0018	− 1.767	−0.557	30°1237
78.	2.12	2	6 20 12.917	30 7 49.37		
82.	2.15	3	13.177	49.82		
82.	3. 6	2	13.135	49.38		
3250	9.2	3.8320	−0.0018	− 1.768	−0.556	29°1232
80.	2.10	1	6 20 13.702	29 42 14.76		
80.	2.26	1	13.835	15.50		
3251	9.4	3.8348	−0.0019	− 1.782	−0.556	— —
82.	2.20	2	6 20 23.433	29 47 46.28		†
3252	9.4	3.7812	−0.0016	− 1.793	−0.548	— —
83.	2.13	3	6 20 31.127	28 1 55.22		†
3253	9.5	3.8338	−0.0019	− 1.797	−0.556	29°1233
74.	2.19	3	6 20 33.847	29 45 56.25		
79.	3. 8	2	33.899	56.27		
3254	9.5	3.8047	−0.0017	− 1.797	−0.551	28°1127
74.	2.17	1	6 20 34.159	28 48 49.10		
91.	2.26	6	34.047	50.62		
3255	7.7	3.7716	−0.0016	− 1.807	−0.546	27°1117
74.	3. 3	3	6 20 40.883	27 42 38.92		
75.	3.10	3	40.854	37.25		
77.	2. 2	3	40.775	38.03		
3256	9.3	3.7507	−0.0015	− 1.811	−0.543	27°1119
74.	3.11	3	6 20 43.463	27 0 5.93		
80.	3.10	3	43.644	6.06		s.f. of 2
85.	2.20	7	43.619	8.56		
3257	9.0	3.8362	−0.0019	− 1.811	−0.556	29°1235
79.	3. 6	2	6 20 43.602	29 50 41.50		
86.	2.25	5	43.592	40.98		
86.	3. 6	5	43.641	42.19		
87.	2.26	7	43.613	41.83		
3258	9.5	3.7258	−0.0015	− 1.825	−0.540	26°1241
74.	2 10	3	6 20 53.069	26 8 47.91		
77.	2.26	3	52.911	48.25		
77.	3.14	2	53.178	47.73		
3259	9.0	3.7152	−0.0015	− 1.827	−0.539	25°1283
74.	1 20	3	6 20 54.749	25 46 41.41		
74.	2.20	3	54.828	41.94		
74.	3. 7	3	54.766	41.30		
74.	3. 7	2	54.626	41.65		
3260	9.4	3.8066	−0.0018	− 1.829	−0.551	28°1130
80.	3. 3	3	6 20 55.898	28 52 48.93		Z.C. δ 48″3
86.	3. 8	3	55.889	47.64		
3261	$8^{\mathrm{m}}.8$	$3^{\mathrm{s}}.6986$	$-0^{\mathrm{s}}.0013$	− 1″836	−0″536	25°1286
80.	2.17	3	$6^{\mathrm{h}}\,21^{\mathrm{m}}\,0^{\mathrm{s}}.622$	25° 11′ 36″36		Z.C. α $0^{\mathrm{s}}.61$
84.	2.21	4	0.602	36.33		
84.	2.28	4	0.656	33.46		− 15′
84.	3.10	5	0.545	36.69		
84.	3.14	7	0.611	36.50		
3262	8.2	3.7129	−0.0014	− 1.837	−0.538	25°1287
76	3 4	3	6 21 1.319	25 41 46.49		Z.C. δ 46″9
78	3. 2	3	1.207	47.90		
82	3.16	3	1.252	46.38		
82.	3.17	3	1.205	46.93		
3263	7.0	3.7520	−0.0016	− 1.845	−0.543	27°1122
74.	3. 3	3	6 21 6.840	27 2 45.34		
74.	3.11	3	6.862	44.62		
75.	3.10	3	6.639	45.34		
3264	9.3	3.7803	−0.0017	− 1.848	−0.548	28°1132
83.	2.13	1	6 21 9.333	28 0 23.08		†
3265	8.7	3.7535	−0.0016	− 1.862	−0.543	27°1124
74.	3.11	1	6 21 18.901	27 5 59.04		Z.C. δ 57″3
79.	3. 3	3	18.781	57.51		
81.	2.28	3	18.740	55.29		
3266	8.9	3.7724	−0 0017	− 1 865	−0.547	27°1125
82.	2.24	3	6 21 21.177	27 44 39.63		
84.	3.12	7	21.056	40.02		
3267	9.1	3.8319	−0.0020	− 1 866	−0.555	29°1239
78.	2 12	2	6 21 22.064	29 42 41.73		Z.C. δ 40″7
78.	3. 4	3	21.743	40.96		
80.	2.10	2	21.945	39.24		
84.	3.15	6	21.781	40.81		
3268	8.0	3.8272	−0.0020	− 1.872	−0.555	29°1241
74.	2.19	3	6 21 25 795	29 33 27.77		
79.	3. 6	2	25.790	28.25		
82.	3. 6	3	25.861	29.35		
82.	3.13	3	25 807	27.39		
3269	8.7	3.6966	−0.0014	− 1.877	−0.536	25°1289
74.	2.20	1	6 21 29.478	25 7 40.86		§
82.	2.13	2	29.107	43.22		Z.C. Ep. 82.1
82.	2.20	3	29.186	43.36		
3270	8.3	3.7041	−0.0015	− 1.890	−0.537	25°1292
76.	2.11	3	6 21 37.979	25 23 40.20		
77.	3. 5	3	37.935	39.32		
80.	2.17	3	37.923	39.50		
3271	8.0	3.8058	−0.0019	− 1.899	−0.551	28°1133
74.	2.17	2	6 21 44.126	28 51 30.56		
76.	2 24	3	44.024	31.33		− 1′
76.	3.11	3	44.025	31.07		
3272	9.1	3.8092	−0.0020	− 1.900	−0.552	28°1134
73.	2.27	3	6 21 44.987	28 58 18.45		
79.	3. 7	3	45.052	18.57		
80.	2.21	2	45.003	18.84		

3273	$8^m.6$	$3^s.7710$	$-0^s.0018$	$-1''.912$	$-0''.546$	27°1129
79. 3. 3	3	$6^h21^m53^s.249$	27° 42′ 14″.50			
80. 3. 10	3	53.159	13.94			
82. 2. 24	1	53.226	13.88			
3274	9.0	3.7686	−0.0018	−1.912	−0.546	27°1128
74. 3. 3	3	6 21 53.232	27 37 21.58			
77. 2. 2	3	53.328	20.50			
87. 3. 3	6	53.402	19.83			
3275	9.5	3.8358	−0.0022	−1.924	−0.556	29°1243
86. 2. 9	7	6 22 1.073	29 50 48.92			v. ft.
88. 2. 10	7	1.184	48.54			
3276	9.4	3.8087	−0.0020	−1.930	−0.552	28°1135
80. 3. 3	3	6 22 5.281	28 57 31.39			
92. 2. 18	3	5.638	30.64			w. 7 − 1^s v. ft.
3277	9.0	3.7073	−0.0016	−1.932	−0.537	25°1297
74. 1. 20	3	6 22 7.037	25 30 39.04			Z.C. δ 39″.2
74. 3. 7	3	7.002	39.12			
78. 3. 2	3	7.170	39.53			
3278	9.0	3.8288	−0.0021	−1.934	−0.555	29°1244
77. 2. 28	2	6 22 8.346	29 36 56.79			
79. 3. 8	3	8.143	57.25			+ 1^m
84. 3. 10	3	8.156	56.78			
87. 3. 11	7	8.241	56.33			
3279	9.2	3.6914	−0.0015	−1.936	−0.535	24°1283
86. 3. 3	4	6 22 9.724	24 57 2.82			clds
87. 2. 12	7	9.846	4.36			
87. 2. 28	7	9.674	3.83			ft.
3280	8.9	3.7511	−0.0018	−1.953	−0.543	27°1130
75. 3. 10	3	6 22 21.051	27 1 45.13			Z.C. δ 46″.3
77. 2. 2	3	20.951	46.15			
81. 3. 1	3	21.081	47.64			− 20″
3281	6.9	3.7884	−0.0020	−1.964	−0.549	28°1138
73. 2. 27	3	6 22 28.883	28 17 31.51			
76. 2. 24	3	28.564	31.95			
76. 3 11	3	28.666	32.80			
79. 3. 7	3	28.770	32.11			
3282	9.1	3.7275	−0.0017	−1.973	−0.540	26°1248
74. 2. 10	3	6 22 35.019	26 13 25.06			
76. 2. 15	3	35.010	25.81			ft.
77. 2. 26	3	34.905	24.91			
3283	9.1	3.7651	−0.0019	−1.975	−0.546	27°1133
74. 3. 3	2	6 22 36.314	27 30 41.65			
81. 2. 28	3	36.561	40.54			
82. 2. 20	1	36.595	42.73			
83. 2. 13	1	36.648	42.05			
3284	8.8	3.6991	−0.0016	−1.978	−0.536	25°1299
74. 2. 20	2	6 22 38.963	25 13 37.37			
76 2. 11	3	38.930	38.59			
77. 3. 5	3	38.911	36.82			
3285	9.5	3.7232	−0.0017	−1.985	−0.539	26°1250
79. 3. 1	3	6 22 43.686	26 4 13.73			Z.C. δ 13″.8
80. 2. 26	3	43.606	13.70			
83. 2. 26	2	43.548	13.87			

3286	$8^m.4$	$3^s.8376$	$-0^s.0023$	$-1''.989$	$-0''.556$	29°1248
74. 2. 19	3	$6^h22^m46^s.456$	29° 54′ 37″.20			
78. 3. 4	3	46.476	37.64			
80. 2. 10	2	46.586	37.51			
3287	9.0	3.7143	−0.0017	−1.991	−0.538	25°1301
80. 2. 25	3	6 22 47.217	25 45 49.07			
82. 3. 16	3	47.273	48.80			
84. 2. 28	4	47.337	47.77			
3288	8.4	3.7200	−0.0018	−2.002	−0.539	25°1302
76. 3. 4	3	6 22 55.417	25 57 55.43			Z.C. Ep. 84.5
80. 2. 17	3	55.493	55.88			
80. 3. 10	3	55.381	55.68			
93. 2. 7	3	55.708	57.13			v. ft. bad
93. 2. 14	7	55 493	57.62			
3289	8.0	3.7420	−0.0019	−2.014	−0.542	26°1254
76. 2. 15	3	6 23 3.538	26 43 30.78			
77. 3. 10	3	3.636	31.09			
77. 3. 14	3	3.586	31.87			
3290	9.3	3.7217	−0.0018	−2.017	−0.539	26°1255
79. 3. 1	3	6 23 5.083	26 1 28.46			
82. 3. 1	2	5.244	27.55			
83. 2. 26	3	5.309	29.16			
86. 2. 25	5	5.298	27.32			
86. 3. 6	5	5.194	28.98			
86. 3. 8	5	5.167	27.35			
3291	9.3	3.7657	−0.0020	−2.023	−0.545	27°1136
80. 3. 3	3	6 23 9.443	27 32 2.43			
82. 3. 6	3	9.516	2.98			
82. 3. 13	3	9.615	4.59			
3292	9.0	3.7068	−0.0017	−2.027	−0.537	25°1304
74. 1. 20	2	6 23 12.412	25 30 25.15			− 1′
74. 3. 7	3	12.654	24.80			
76. 3. 4	2	12.738	24.95			
3293	9.3	3.7653	−0.0020	−2.043	−0.545	27°1138
75. 3. 10	3	6 23 23.430	27 31 29.44			†
3294	9.0	3.8195	−0.0023	−2.078	−0.553	29°1253
78. 2. 12	3	6 23 47.808	29 20 4.50			
79. 3. 6	3	47.791	4.47			
80. 2. 17	3	47.703	4.20			
83. 2. 21	3	47.757	5.71			
3295	8.1	3.7932	−0.0022	−2.080	−0.549	28°1142
73. 2. 27	3	6 23 48.864	28 27 58.81			
74. 2. 17	3	48.980	58.56			
76. 2. 24	3	48.900	59.59			
79. 3. 7	3	49.042	59.61			
3296	8.9	3.8231	−0.0024	−2.092	−0.553	29°1255
74. 2. 19	2	6 23 56.838	29 26 40.91			
76. 3. 15	3	57.125	39.89			
78. 3. 4	3	56.892	40.87			
79. 3. 8	3	56.989	40.69			
3297	9.0	3.6942	−0.0018	−2.100	−0.535	25°1308
76. 2. 11	3	6 24 2.472	25 4 0.14			Z.C. δ 0″.1
80. 2. 25	3	2.570	0.01			

3298	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.6922$	$-0^{\mathrm{s}}.0018$	$-\ 2''.100$	$-0''.535$	25°1309
74. 2.20	3	$6^{\mathrm{h}}\,24^{\mathrm{m}}\,2^{\mathrm{s}}.659$	$24^{\circ}\,59'\,50''.00$			
74. 3. 7	2	2.455	50.44			
78. 3. 2	3	2.572	51.20			
80. 2.21	2	2.520	50.99			
82. 2.13	3	2.502	50.87			
3299	9.0	3.7478	−0.0020	− 2.114	−0.543	26°1259
74. 2.10	3	6 24 12.386	26 56 8.96			Z.C. $\delta\ 8''.7$
77. 2.26	3	12.328	8.66			
80. 2.26	3	12.340	9.84			
82. 3.13	3	12.350	7.53			
3300	8.8	3.8234	−0.0025	− 2.132	−0.553	29°1258
74. 2.19	3	6 24 24.793	29 27 59.00			
75. 3 15	2	24.715	58.63			
76. 3.15	2	24.723	59.27			
3301	9.1	3.8053	−0.0024	− 2.136	−0.551	28°1148
74. 3.18	2	6 24 27.701	28 52 26.67			$+\ 1^{\mathrm{s}}$
76. 3.11	3	27.723	25.59			
79. 3. 7	3	27.780	27.10			
3302	8.2	3.7284	−0.0020	− 2.139	−0.540	26°1261
76. 2.15	3	6 24 29.467	26 16 15.43			
77. 3.10	3	29.627	16.29			
77. 3.14	3	29.564	15.67			
3303	9.4	3.7845	−0.0023	− 2.160	−0.548	28°1150
74. 2.17	3	6 24 43.829	28 10 59.74			Z.C. $\delta\ 59''.2$
80. 3. 3	3	43.676	58.75			
82. 2.20	2	43.661	59.00			
3304	9.0	3.7914	−0.0024	− 2.186	−0.549	28°1152
74. 3.18	3	6 25 2.026	28 25 16.07			
76. 2.24	3	2.147	16.57			
76. 3.11	3	2.026	16.72			
3305	9.1	3.7448	−0.0022	− 2.188	−0.541	26°1264
77. 3.14	3	6 25 3.163	26 50 38.41			Z.C. $\delta\ 38''.2$
79. 3. 1	3	3.090	39.12			
80. 3.10	3	3.136	36.94			
3306	9.3	3.7660	−0.0023	− 2.190	−0.545	— —
83. 2.13	2	6 25 4.361	27 33 45.56			†
92. 2.22	5	3.750	44.84			§ $-\ 1^{\mathrm{m}}.$
3307	8.2	3.8240	−0.0026	− 2.192	−0.553	29°1263
75. 3.15	1	6 25 6.147	29 29 39.47			
76. 3.15	1	6.061	40.48			
77. 2.28	3	6.047	41.36			
79. 3. 8	3	5.986	40.27			
3308	8.0	3.7186	−0.0020	− 2.194	−0.538	25°1314
74. 1.20	3	6 25 7.195	25 56 6.14			
76. 2.11	3	7.291	6.17			
76. 3. 4	3	7.437	5.61			
3309	7.5	3.7763	−0.0023	− 2.198	−0.547	27°1141
74. 3. 3	3	6 25 10.295	27 54 50.12			
74. 3.11	3	10.412	49.40			
75. 3.10	3	10.423	49.79			

3310	$9^{\mathrm{m}}.1$	$3^{\mathrm{s}}.7036$	$-0^{\mathrm{s}}.0020$	$-\ 2''.201$	$-0''.536$	25°1315
77. 3. 5	3	$6^{\mathrm{h}}\,25^{\mathrm{m}}\,12^{\mathrm{s}}.317$	$25^{\circ}\,24'\,51''.16$			Z.C. $\delta\ 50''.7$
82. 3. 3	3	12.335	50.18			
3311	7.6	3.7840	−0.0023	− 2.201	−0.548	28°1154
73. 2.27	3	6 25 12.607	28 10 18.12			
74. 2.17	2	12.616	19.96			
79. 3. 7	3	12.573	19.95			
82. 3. 6	3	12.559	18.97			
3312	9.1	3.8013	−0.0025	− 2.204	−0.550	28°1153
86. 2.25	5	6 25 14.116	28 45 2.61			
86. 3. 8	5	14.052	4.08			
3313	9.1	3.7722	−0.0024	− 2.220	−0.546	27°1143
74. 3. 3	3	6 25 25.130	27 46 44.38			
77. 2. 2	3	25.037	45.26			
79. 3. 3	3	25.137	44.56			
3314	8.7	3.7840	−0.0024	− 2.222	−0.548	28°1156
73. 2.27	1	6 25 26.824	28 10 25.49			
82. 2.24	3	26.713	27.57			§
82. 3. 6	1	26.837	28.68			
82. 3.16	3	26.768	27.48			
3315	8.7	3.7023	−0.0020	− 2.223	−0.536	25°1317
74. 2.20	2	6 25 27.828	25 22 9.83			
76. 2.11	1	27.649	9.11			
80. 2.21	3	27.575	8.31			
80. 3. 3	3	27.658	9.87			
83. 2.21	3	27.691	9.57			
3316	8.9	3.7599	−0.0023	− 2.224	−0.544	27°1144
76. 2.22	1	6 25 28.033	27 21 52.60			
82. 3.13	3	28.037	52.63			
82. 3.17	3	28.106	52.59			
3317	8.7	3.7025	−0.0020	− 2.225	−0.536	25°1318
80. 2.21	3	6 25 28.595	25 22 28.50			
83. 2.21	2	28.630	30.21			
83. 2.26	3	28.607	28.87			
90. 3. 3	5	28.682	28.70			
90. 3. 6	7	28.646	29.20			
3318	8.2	3.8320	−0.0027	− 2.230	−0.554	29°1264
78. 2.12	3	6 25 32.779	29 45 43.29			Z.C. $\delta\ 42''.9$
79. 3. 6	3	32.637	43.50			Z.C. Ep.82.7
80. 3.10	3	32.826	41.90			
82. 2.20	3	32.610	43.15			
86. 3. 3	5	32.738	42.21			
86. 3. 6	5	32.621	43.76			
87. 2.26	7	32.737	42.68			
3319	8.6	3.7406	−0.0022	− 2.239	−0.541	26°1267
74. 2.10	3	6 25 38.563	26 42 15.96			
76. 2.15	3	38.434	16.15			
77. 2.26	3	38.402	16.33			
3320	7.9	3.7807	−0.0025	− 2.254	−0.546	28°1160
74. 3.18	3	6 25 49.111	28 4 12.20			
76. 3.11	3	49.159	13.12			
77. 3. 8	3	49.028	11.50			

3321	$9^{\mathrm{m}}.4$	$3^{\mathrm{s}}.7922$	$-0^{\mathrm{s}}.0026$	$-\ 2''.264$	$-0''.548$	28°1162
80.	2.25	3	$6^{\mathrm{h}}25^{\mathrm{m}}55^{\mathrm{s}}.760$	28° 27′ 28″.10		Z.C. δ 28″.1
80.	2.26	3	55.692	28.03		
3322	8.6	3.8072	−0.0027	− 2.270	−0.551	28°1163
77.	3. 8	3	6 25 59.601	28 57 21.25		Z.C. δ 20″.7
80.	2.17	2	59.717	20.79		
80.	3.10	3	59.585	20.09		
3323	9.4	3.8160	−0.0027	− 2.270	−0.552	29°1268
74.	2.19	3	6 25 60.118	29 14 46.11		Z.C. δ 46″.4
79.	3. 6	3	59.973	46.60		
3324	The catalogue place is 1^{m} wrong: see 3306					
3325	9.5	3.7636	−0.0024	− 2.278	−0.544	27°1147
87.	2.28	5	6 26 5.369	27 29 44.58		ex. ft.
88.	2.10	4	5.121	41.25		v. ft. †
3326	8.0	3.7530	−0.0023	− 2.283	−0.542	27°1148
74.	3. 3	2	6 26 9.149	27 8 9.70		
75.	3.10	3	9.142	10.61		
77.	2. 2	3	9.118	10.66		
3327	9.4	3.7030	−0.0021	− 2.286	−0.536	25°1320
74.	3. 7	3	6 26 11.210	25 24 14.30		
92.	2.18	4	11.536	11.63		-1^{m} ft.
3328	9.3	3.7680	−0.0024	− 2.291	−0.544	27°1149
84.	2.21	4	6 26 14.532	27 38 45.80		
84.	2.28	4	14.534	45.29		$+0^{\mathrm{s}}.1$
84.	3.12	4	14.620	46.25		
3329	8.9	3.7454	−0.0023	− 2.293	−0.542	26°1272
74.	2.10	2	6 26 15.883	26 52 29.30		
77.	2.26	3	15.759	30.08		
77.	3.10	3	15.816	30.04		
77.	3.14	3	15.584	30.17		
3330	9.0	3.7777	−0.0025	− 2.294	−0.546	27°1150
79.	3. 3	3	6 26 16.986	27 58 29.66		Z.C. δ 30″.2
82.	3. 1	3	16.690	30.28		
82.	3.17	3	16.833	30.74		
3331	9.3	3.7697	−0.0024	− 2.309	−0.545	27°1151
84.	3.10	3	6 26 26.639	27 42 19.45		
84.	3.12	2	26.803	17.50		
3332	9.3	3.8150	−0.0028	− 2.315	−0.551	29°1271
78.	3. 4	3	6 26 30.791	29 13 8.56		Z.C. δ 8″.4
79.	3. 8	3	30.816	8.31		
3333	9.5	3.7703	−0.0025	− 2.321	−0.545	— —
75.	3.10	3	6 26 34.950	27 42 49.46		†
3334	8.9	3.8238	−0.0028	− 2.322	−0.552	29°1272
75.	3.15	3	6 26 35.832	29 30 25.67		
76.	3.15	3	35.780	24.99		
77.	2.28	2	36.143	27.35		
3335	9.0	3.8062	−0.0028	− 2.329	−0.550	28°1166
74.	3.18	2	6 26 40.766	28 55 37.85		
76.	3.11	3	40.802	38.00		
80.	2.17	2	40.757	36.99		
3336	$9^{\mathrm{m}}.1$	$3^{\mathrm{s}}.8406$	$-0^{\mathrm{s}}.0030$	$-\ 2''.334$	$-0''.555$	30°1264
86.	3. 6	5	$6^{\mathrm{h}}26^{\mathrm{m}}44^{\mathrm{s}}.172$	30° 3′ 24″.92		
87.	2.12	7	44.210	23.17		
87.	3.11	7	44.409	23.47		
3337	8.7	3.8224	−0.0029	− 2.335	−0.552	29°1274
74.	2.19	3	6 26 44.839	29 27 47.86		Z.C. δ 48″.0
78.	2.12	3	44.799	47.80		
80.	2.21	3	44.718	47.74		
87.	3.12	7	44.889	48.63		
3338	8.9	3.7528	−0.0025	− 2.353	−0.542	27°1153
86.	2.24	5	6 26 57.238	27 8 21.19		
86.	2.25	5	57.052	20.31		
87.	2.25	7	57.196	21.97		
88.	3. 1	7	57.188	23.10		
3339	5.0	3.7815	−0.0027	− 2.386	−0.546	28°1168
73.	2.27	3	6 27 19.819	28 7 1.54		
74.	2.17	3	19.810	2.66		
79.	3. 7	3	19.719	2.55		
3340	7.6	3.6918	−0.0022	− 2.386	−0.534	25°1326
74.	2.20	3	6 27 20.229	25 0 57.01		
74.	3. 7	3	20.144	56.72		
76.	2.11	3	20.310	57.17		+ 1′
77.	3. 5	3	20.312	56.21		
77.	3. 5	3	20.302	57.61		
3341	8.4	3.7941	−0.0027	− 2.388	−0.548	28°1170
76.	2.24	3	6 27 21.628	28 32 14.46		Z.C. δ 14″.7
80.	2.10	3	21.902	14.86		
80.	2.25	3	21.719	14.73		
3342	8.7	3.6836	−0.0022	− 2.390	−0.533	24°1317
86.	3. 4	5	6 27 22.853	24 43 45.48		
86.	3. 8	5	22.719	45.10		
87.	3. 1	7	22.787	46.11		
87.	3. 3	7	22.713	45.92		
87.	3.10	7	22.780	45.59		
3343	9.0	3.7675	−0.0026	− 2.403	−0.544	27°1157
74.	3. 3	3	6 27 31.702	27 38 45.96		
76.	2.22	3	31.648	44.75		
77.	2. 2	3	31.690	46.09		
79.	3. 3	3	31.747	46.03		
3344	8.0	3.7886	−0.0028	− 2.425	−0.547	28°1173
76.	2.24	2	6 27 47.120	28 21 37.72		
77.	3. 8	3	47.272	37.94		
80.	2.26	3	47.240	34.46		
3345	9.1	3.7878	−0.0028	− 2.430	−0.547	28°1174
74.	3.18	2	6 27 50.001	28 19 59.93		
80.	2.26	2	50.235	59.18		
82.	2.24	3	50.438	59.51		
3346	8.8	3.7713	−0.0028	− 2.432	−0.545	27°1159
80.	3. 3	3	6 27 51.417	27 46 45.94		Z.C. δ 45″.7
80.	3.13	3	51.340	45.51		Z.C. Ep. 83.2
80.	3.17	3	51.350	45.69		
92.	2.24	7	51.507	45.49		

3347	$9^{m}.3$	$3^{s}.7818$	$-0^{s}.0028$	− 2″.433	−0″.546	28°1175
80.	3.10	2	$6^{h}27^{m}51^{s}.968$	28° 8′ 3″.38		$+1^{m}$
81.	2.28	3	52.572	3.85		Z.C. δ 4″.2
82.	3.13	3	52.280	5.43		
3348	8.9	3.7711	−0.0028	− 2.448	−0.545	27°1162
80.	3. 3	3	6 28 2.798	27 46 30.39		† Z.C. δ 30″.4
3348^{a}	9.2	3.8026	−0.0030	− 2.455	−0.549	28°1177
96.	1.22	7	6 28 7.529	28 49 45.35		
96.	1.28	7	7.835	44.34		
3349	9.2	3.8032	−0.0030	− 2.461	−0.549	— —
82.	2.13	3	6 28 11.666	28 51 3.61		
93.	2.14	7	11.664	3.42		
3350	9.0	3.7429	−0.0026	− 2.471	−0.540	26°1286
74.	2.10	3	6 28 18.610	26 48 53.30		
76.	2.15	3	18.406	52.84		
77.	2.26	3	18.452	53.40		
77.	2.26	2	18.552	52.92		
3351	8.6	3.8329	−0.0032	− 2 476	−0.554	29°1282
75	3.15	3	6 28 21.961	29 49 35.42		
78.	2.12	3	21.989	35.99		
78.	3. 4	3	21.990	37.02		
79.	3. 8	3	21.918	35.61		
3352	9.4	3.7400	−0.0027	− 2.480	−0.540	26°1289
74.	2.10	2	6 28 24.930	26 43 2.64		Z.C. α $25^{s}.13$
79.	3. 1	3	24.999	2.51		
81.	2.28	3	25.158	3.53		
82.	3. 6	3	25.340	2.84		
84.	2.21	4	25.245	1.60		
3353	9.0	3.7300	−0.0026	− 2.488	−0.539	26°1292
77.	3.10	3	6 28 30.612	26 22 30.05		Z.C. α $30^{s}.60$
77.	3.14	3	30.619	30.76		
79.	3. 1	3	30.566	30.75		
3354	9.1	3.6924	−0.0024	− 2.491	−0.533	25°1333
87.	2.28	5	6 28 32.572	25 3 26.16		
87.	3.16	7	32.485	25.89		
88.	2.10	5	32.639	22.14		clds
3355	6.9	3.7593	−0.0028	− 2.497	−0.543	27°1164
73.	2.28	2	6 28 36.641	27 22 48.69		
74.	3. 3	3	36.717	48.10		
75.	3.10	3	36.778	47.89		
83.	2.21	3	36.716	48.54		
3355^{a}	9.4	3.7772	−0.0029	− 2.503	−0.545	28°1179
96.	2. 4	7	6 28 40.472	27 59 20.75		
96.	2.11	7	40.693	23.15		
96.	2.22	5	40.595	23.05		
3356	9.4	3.8076	−0.0031	− 2.512	−0.550	— —
74.	2.17	3	6 28 46.841	29 0 13.43		
76.	3.11	3	46.948	12.52		v. ft. bad
80.	2.17	3	47.039	13.34		
3357	9.5	3.7142	−0.0026	− 2.519	−0.536	25°1337
74.	3. 7	2	6 28 52.160	25 49 52.56		†
3358	$9^{m}.3$	$3^{s}.7587$	$-0^{s}.0029$	− 2″.520	−0″.542	— —
75.	3.10	3	$6^{h}28^{m}52^{s}.928$	27° 21′ 43″.34		†
3359	9.4	3.7115	−0.0026	− 2.535	−0.536	25°1338
74.	2.20	2	6 29 2.914	25 44 7.26		
76.	2.11	3	3.108	7.42		
76.	3. 4	3	3.131	7.84		
3360	9.2	3.7492	−0.0028	− 2.537	−0.541	27°1167
74.	3. 3	2	6 29 4.205	27 2 22.53		
77.	2. 2	3	4.093	22.97		
80.	2.25	3	4.078	22.02		
3361	8.6	3.7723	−0.0030	− 2.544	−0.544	27°1169
80.	2.10	3	6 29 9.232	27 49 45.62		
80.	2.21	3	9.088	46.03		
83.	2.13	3	9.183	47.36		
84.	2.28	4	8.941	43.85		
3362	9.5	3.8237	−0.0032	− 2.548	−0.552	29°1283
74.	2.19	3	6 29 11.974	29 32 29.52		
79.	3. 8	3	11.968	29.70		
3363	9.5	3.7093	−0.0026	− 2.553	−0.536	— —
74.	1.20	3	6 29 15.004	25 39 31.72		†
3364	9.0	3.8369	−0.0034	− 2.562	−0.554	29°1284
75.	3.15	3	6 29 21.674	29 58 11.21		
76	3.15	3	21.465	12.01		
77.	2.28	3	21.677	12.39		
3365	9.0	3 8082	−0.0032	− 2.573	−0.550	29°1286
74.	2.19	3	6 29 29.001	29 1 56.97		
82.	3. 6	3	29.181	57.54		
84.	3.10	3	29.007	56.93		
3366	9.1	3.7589	−0.0029	− 2.573	−0.543	27°1172
81.	2.28	3	6 29 29.148	27 22 34.80		Z.C. δ 35″.2
83.	2.21	3	29.035	35.69		
3367	8.9	3.7795	−0.0031	− 2.574	−0.545	28°1184
86.	2.24	5	6 29 29.693	28 4 36.64		
86.	2.25	5	29.688	36.90		$+10^{s}$
88.	3. 8	7	29.771	37.36		
92.	2.22	7	29.567	37.47		§ n.p. of 2
3368	9.5	3.7497	−0.0029	− 2.580	−0.541	27°1173
80.	2.17	3	6 29 34.286	27 3 48.70		
93.	3. 1	1	34.287	48.45		
3369	9.0	3.8380	−0.0034	− 2.580	−0.554	30°1278
76.	3.15	2	6 29 34.187	30 0 39.51		
77.	2.28	2	34.435	40.86		
79.	3. 6	3	34.353	39.38		
3370	9.0	3.6995	−0.0026	− 2.588	−0.534	25°1342
74.	1.20	3	6 29 39.304	25 19 8.83		
74.	2.20	3	39.380	8.33		
78.	3.16	3	39.582	9.20		

3371	$8^{m}7$	$3^{s}8243$	$-0^{s}0034$	− 2″596	−0″552	29°1289
80.	2.10	3	$6^{h}29^{m}45^{s}223$	29°34′	6″84	
80.	2.21	3	45.203		7.08	
80.	2.25	3	45.198		5.53	
80.	2.26	3	45.218		6.81	
84.	2.28	3	45.320		4.98	
3372	6.7	3.6818	−0.0025	− 2.599	−0.532	24°1328
86.	3. 8	5	6 29 47.385	24 41	32.67	Z.C. δ 34″3
87.	3.18	5	47.441		36.54	†
88.	3. 1	7	47.420		33.79	
3373	9.3	3.7929	−0.0032	− 2.601	−0.547	28°1185
73.	2.27	3	6 29 48.325	28 31	50.98	
74.	2.17	3	48.364		52.08	
3374	9.5	3.8383	−0.0035	− 2.603	−0.554	30°1279
74.	2.27	3	6 29 49.944	30 1	27.31	†
3375	9.2	3.7236	−0.0028	− 2.642	−0.537	26°1299
74.	2.10	3	6 30 16.986	26 10	23.68	
76.	2.15	3	16.864		23.43	
77.	3.14	3	16.878		22.96	ex. ft.
3376	9.5	3.6965	−0.0027	− 2.642	−0.534	25°1349
94.	2. 5	7	6 30 16.930	25 13	23.08	
95.	1.18	7	17.306		20.74	
95.	1.21	5	17.156		19.26	
95.	1.23	7	17.262		19.38	
3377	9.0	3.8329	−0.0035	− 2.642	−0.553	29°1292
79.	3. 8	3	6 30 17.218	29 51	18.65	
93.	2.14	6	17.227		20.18	
3378	9.3	3.6953	−0.0027	− 2.647	−0.534	25°1350
77.	3. 5	3	6 30 20.152	25 10	46.26	†
3379	8.7	3.6885	−0.0026	− 2.649	−0.532	24°1331
86.	3. 6	5	6 30 21.673	24 56	18.05	
87.	3. 1	5	21.944		16.92	
87.	3. 3	5	21.830		17.20	
87.	3.10	5	21.906		16.73	
3380	9.5	3.6967	−0.0027	− 2.651	−0.534	25°1351
74.	2.20	3	6 30 22.815	25 13	47.91	
76.	3. 4	2	23.224		48.47	
3381	6.1	3.8095	−0.0034	− 2.657	−0.549	29°1293
74.	2.19	3	6 30 27.415	29 5	19.61	
74.	2.27	3	27.488		20.55	
76.	3.15	1	27.624		19.66	
3382	8.7	3.7142	−0.0028	− 2.673	−0.536	25°1353
74.	3. 7	3	6 30 38.408	25 50	56.26	
76.	2.11	3	38.724		56.77	
80.	2.17	3	38.556		56.86	
3383	9.0	3.7999	−0.0034	− 2.681	−0.548	28°1190
74.	2.17	3	6 30 44.123	28 46	38.20	
76.	2.24	3	43.891		38.00	ft.
76.	3.11	3	43.999		38.71	
77.	3. 8	3	44.022		38.74	
79.	3. 7	3	44.153		38.52	

3384	$8^{m}0$	$3^{s}7476$	$-0^{s}0031$	− 2″686	−0″540	27°1181
73.	2.28	3	$6^{h}30^{m}47^{s}586$	27° 0′	38″68	
74.	3. 3	3	47.493		37.86	
75.	3.10	3	47.537		37.50	
77.	2. 2	3	47.555		39.00	
3385	8.7	3.7358	−0.0030	− 2.695	−0.538	26°1300
77.	2.26	3	6 30 53.301	26 36	17.88	Z.C. δ 18″5
77.	3.10	3	53.445		18.87	
77.	3.14	2	53.282		18.83	
3386	8.9	3.7301	−0.0030	− 2.699	−0.538	26°1302
77.	3.10	2	6 30 56.878	26 24	39.82	
79.	3. 1	3	56.732		39.08	
80.	2.25	3	56.739		38.41	
3387	7.4	3.7740	−0.0033	− 2.708	−0.545	27°1182
74.	3. 3	2	6 31 2.293	27 54	40.48	
75.	3.10	3	2.440		38.65	
77.	2. 2	2	2.497		38.84	
3388	9.1	3.8407	−0.0036	− 2.716	−0.553	30°1288
87.	2.25	5	6 31 8.253	30 7	5.76	
87.	3.11	7	8.307		5.70	
87.	3.16	7	8.311		7.04	
3389	9.3	3.7121	−0.0029	− 2.719	−0.535	25°1356
87.	2.28	5	6 31 9.994	25 47	7.28	
93.	3. 8	5	9.953		8.22	
3390	8.2	3.8323	−0.0036	− 2.720	−0.552	29°1297
75.	2.25	3	6 31 10.540	29 50	49.98	Z.C. δ 49″7
75.	3.15	3	10.488		49.75	
78.	3. 4	1	10.568		49.80	
79.	3. 6	3	10.502		49.14	
79.	3. 8	2	10.526		50.06	
80.	2.26	3	10.470		49.48	
3391	9.0	3.7088	−0.0029	− 2.729	−0.535	25°1357
74.	1.20	3	6 31 16.686	25 39	59.63	
77.	3. 5	3	16.851		58.99	− 1 int.
77.	3. 5	1	17.161		58.34	*
3392	9.1	3.6853	−0.0027	− 2.732	−0.531	24°1337
74.	3. 7	3	6 31 19.051	24 50	15.71	Z.C. δ 16″3
78.	3.16	3	19.138		16.80	
3393	9.4	3.7937	−0.0035	− 2.762	−0.546	28°1195
73.	2.27	3	6 31 40.284	28 35	2.76	
76.	3.11	3	40.135		3.92	
77.	3. 8	2	39.820		5.00	$+ 5^{s}$
3394	6.0	3.7873	−0.0035	− 2.762	−0.546	28°1196
74.	2.17	3	6 31 40.259	28 22	16.22	
74.	3.18	3	40.093		15.57	
76.	2.24	3	40.165		15.45	
3395	8.7	3.7079	−0.0029	− 2.764	−0.534	25°1361
74.	3. 2	3	6 31 41.422	25 38	32.10	− 1 int. − 1′
78.	3.16	2	41.547		31.42	Z.C. α $41^{s}48$
3396	8.7	3.7905	−0.0035	− 2.765	−0.546	28°1198
86.	2.24	5	6 31 42.012	28 28	39.59	
86.	2.25	5	41.966		38.14	

3397	$8^{m}8$	$3^{s}7249$	$-0^{s}0030$	$-2''767$	$-0''537$	26°1306
74.	2.10	3	$6^{h}31^{m}43^{s}709$	26° 14′ 26″61		
76.	2.15	3	43.509	26.99		
77.	2.26	3	43.612	25.94		
3398	8.7	3.6948	−0.0029	− 2.768	−0.533	25°1362
74.	3. 7	2	6 31 44.106	25 10 46.35		
80.	2.17	3	44.215	46.59		
80.	2.26	3	44.153	47.40		
83.	2.13	3	44.227	47.00		
83.	2.21	3	44.285	48.10		
3399	8.9	3.6945	−0.0029	− 2.773	−0.533	25°1363
81.	2.28	3	6 31 47.783	25 10 8.28		
82.	3. 6	3	47.861	9.69		
83.	2.13	3	47.848	10.35		+ 5′
83.	2.21	2	47.728	11.21		
3400	9.0	3.8194	−0.0037	− 2.777	−0.550	29°1299
77.	2.28	2	6 31 50.538	29 26 3.70		
79.	3. 6	3	50.338	3.41		
80.	2.25	2	50.395	2.61		
3401	8.7	3.7074	−0.0030	− 2.778	−0.534	25°1364
74.	2.20	2	6 31 51.053	25 37 25.09		Z.C. δ 24″1
74.	3. 2	2	51.061	24.93		-1^{m}
78.	3.16	1	51.089	23.04		
80.	2.10	3	51.212	23.41		
3402	6.8	3.6814	−0.0028	− 2.779	−0.531	24°1343
86.	3. 6	5	6 31 51.565	24 42 20.02		Z.C. δ 19″3
86.	3. 8	7	51.496	18.67		
3403	8.9	3.6926	−0.0029	− 2.779	−0.532	25°1365
84.	2.28	4	6 31 51.785	25 6 14.20		
85.	2.27	5	51.947	15.92		
86.	2. 9	5	51.796	15.36		
3404	9.0	3.8266	−0.0037	− 2.798	−0.551	29°1300
75.	3.15	3	6 32 4.522	29 40 28.18		
76.	3.15	3	4.475	27.60		
82.	3. 6	2	4.460	29.25		
3405	9.0	3.7324	−0.0031	− 2.807	−0.538	26°1308
77.	3.10	2	6 32 11.337	26 30 20.28		
77.	3.14	3	11.283	19.89		
79.	3. 1	3	11.037	20.62		
3406	8.9	3.8062	−0.0036	− 2.812	−0.548	29°1302
74.	2.19	3	6 32 14.170	29 0 18.67		−1 int.
79.	3. 8	3	14.271	18.39		Z.C. δ 18″2
81.	2.28	3	14.321	17.83		
82.	2.13	3	14.262	18.01		
3407	8.2	3.8452	−0.0039	− 2.812	−0.554	30°1297
87.	3. 1	5	6 32 14.252	30 16 50.44		v. ft.
87.	3. 3	7	14.491	50.52		
87.	3.10	7	14.402	51.59		
3408	9.2	3.8013	−0.0036	− 2.816	−0.547	28°1199
74.	2.17	3	6 32 16.692	28 50 43.23		ft.
85.	3. 7	4	17.243	46.19		

3409	$9^{m}1$	$3^{s}8083$	$-0^{s}0037$	$-2''819$	$-0''548$	29°1303
82.	2.13	2	$6^{h}32^{m}19^{s}234$	29° 4′ 34″73		
87.	3.18	4	19.405	36.67		ft.
3410	8.7	3.6973	−0.0030	− 2.819	−0.533	25°1372
80.	3.10	3	6 32 19.679	25 16 29.32		
84.	3.15	4	19.716	29.17		
3411	9.0	3.7019	−0.0030	− 2.823	−0.533	25°1371
76.	3. 4	3	6 32 21.871	25 26 22.53		
80.	2.21	3	21.782	22.07		
3412	9.2	3.7997	−0.0036	− 2.830	−0.547	28°1200
93.	2.25	3	6 32 26.727	28 47 37.75		
93.	3.10	6	26.575	37.59		
3413	9.0	3.7280	−0.0031	− 2.835	−0.537	26°1309
76.	2.15	3	6 32 30.289	26 21 29.39		
82.	3 17	3	30.213	29.05		
85.	3.12	5	30.264	29.17		§
3414	9.1	3.7830	−0.0035	− 2.835	−0.545	28°1201
74.	3.18	3	6 32 30.243	28 14 13.48		
79.	3. 7	3	30.440	13.91		
85.	2.19	5	30.310	13.20		
3415	9.0	3.7913	−0.0036	− 2.837	−0.546	28°1202
84.	3.10	3	6 32 31.861	28 30 46.97		
84.	3.12	2	32.152	47.64		− 5′
3416	8.8	3.7995	−0.0037	− 2.838	−0.547	28°1203
76.	2.24	1	6 32 32.929	28 47 14.60		v. ft.
76.	3.11	3	32.709	15.78		
77.	3. 8	3	32.849	14.43		
93.	3. 9	4	32.904	15.52		
3417	9.3	3.6985	−0.0030	− 2.850	−0.532	25°1376
74.	1.20	3	6 32 40.744	25 19 27.71		
93.	3. 4	4	41.063	28.47		
3418	9.2	3.7127	−0.0032	− 2.856	−0.534	25°1377
80.	3. 3	3	6 32 44.986	25 49 37.45		Z.C. δ 37″5
93.	2.15	5	44.998	37.49		
3419	8.8	3.6946	−0.0030	− 2.857	−0.532	25°1378
76.	2.11	3	6 32 45.470	25 11 17.02		
87.	2 25	5	45.608	17.43		
87.	3.16	4	45.759	18.28		
3420	9.0	3.6837	−0.0030	− 2.888	−0.530	24°1349
87.	2.28	4	6 33 7.472	24 48 16.31		
94.	2. 8	7	7.491	15.32		
94.	2.13	3	7.683	15.70		
3421	9.5	3.8013	−0.0038	− 2.893	−0.547	28°1205
73.	2.27	3	6 33 10.900	28 51 32.60		†
3422	8.3	3.7404	−0.0034	− 2.900	−0.538	26°1317
77.	3.14	3	6 33 15.346	26 47 45.41		
80.	3.10	2	15.398	45.64		

3423	$8^{m}.0$	$3^{s}.7014$	$-0^{s}.0031$	$-2''.903$	$-0''.533$	25°1382
76.	2.11	3	$6^{h}33^{m}17^{s}.541$	25° 26′ $10''.85$		
76.	3. 4	3	17.515	10.11		
82.	3.13	3	17.418	11.91		
3424	7.8	3.8306	−0.0040	− 2.907	−0.551	29°1307
74.	2.19	2	6 33 20.223	29 49 38.29		Z.C. α $20^{s}.18$
74.	2.27	2	20.225	39.06		
75.	3.15	3	20.123	38.23		
77.	2.28	2	20.171	37.97		
77.	2.28	2	20.141	39.85		
3425	9.5	3.8298	−0.0040	− 2.912	−0.551	29°1308
74.	2.19	2	6 33 23.513	29 48 2.14		
79.	3. 8	3	23.498	2.48		
3426	8.3	3.8078	−0.0038	− 2.917	−0.548	29°1309
93.	3. 8	7	6 33 27.527	29 4 37.92		
93.	3. 9	4	27.485	37.91		
3427	6.5	3.7847	−0.0037	− 2.918	−0.545	28°1207
80.	2.10	3	6 33 28.419	28 18 34.00		
84.	3 14	4	28.156	34.50		
3428	8.8	3.6825	−0.0030	− 2.924	−0.530	24°1353
86.	2.24	3	6 33 31.888	24 46 9.01		
86.	2.25	7	31.841	8.80		
3429	9.2	3.7429	−0.0035	− 2.939	−0.539	26°1320
76.	2.15	3	6 33 42.621	26 53 10.99		+ 1 int.
80.	2.17	3	42.739	9.88		
80.	2.21	3	42.643	10.67		
3430	9.2	3.8397	−0.0041	− 2.942	−0.553	30°1302
93.	3. 1	7	6 33 44.569	30 7 37.59		
94.	2.13	4	44.578	33.47		
94.	2.19	3	44.457	35.79		
3431	9.2	3.7878	−0.0038	− 2.947	−0.545	28°1208
76.	2.24	1	6 33 48.000	28 25 3.08		ex. ft.
80.	2.25	3	48.190	4.24		
83.	2.21	3	48.215	5.86		
3432	8.7	3.7610	−0.0036	− 2.949	−0.541	27°1193
73.	2.28	3	6 33 49 530	27 30 32.95		
74.	3. 3	3	49.444	34.49		
77.	2. 2	3	49.636	34.36		
3433	7.5	3.7517	−0.0035	− 2.956	−0.540	27°1194
80.	2.10	3	6 33 54.527	27 11 44.57		
80.	2.26	3	54.345	44.72		§
83.	2.13	3	54.256	44.25		
85.	2.27	5	54.261	44.47		
86.	2. 9	5	54.253	44.97		
3434	8.5	3.7621	−0.0036	− 2.958	−0.541	27°1195
82.	3. 6	3	6 33 55.918	27 33 7.05		
84.	3.15	4	55.759	6.48		
3435	9.0	3.7293	−0.0034	− 2.975	−0.537	26°1322
77.	2.26	3	6 34 7.507	26 25 23.51		
93.	3.11	7	7.595	22.43		
3436	$8^{m}.5$	$3^{s}.7537$	$-0^{s}.0036$	$-2''.983$	$-0''.540$	27°1197
84.	3.10	4	$6^{h}34^{m}13^{s}.293$	27° 16′ $15''.16$		
84.	3.14	4	13.423	16.27		
3437	9.3	3.7053	−0.0033	− 2.990	−0.533	25°1389
81.	2.28	3	6 34 18.028	25 35 11.83		
85.	2.19	5	17.816	10.61		
3438	9.0	3.8018	−0.0039	− 2.991	−0.547	28°1211
82.	3.13	3	6 34 18.745	28 53 21.83		
85.	2.20	5	18.636	22.11		
3439	9.0	3.8273	−0.0041	− 3.002	−0.550	29°1317
82.	3.15	2	6 34 25.923	29 44 5.77		v. ft.
93.	2.20	4	25.279	6.18		
94.	2.21	7	25.695	6.91		
94.	2.22	7	25.411	5.83		
3440	7.8	3.7051	−0.0033	− 3.007	−0.533	25°1392
78.	3.16	2	6 34 29.407	25 35 5.87		Z.C. δ $6''.1$
84.	3.12	3	29.195	6.25		
3441	8.7	3.8215	−0.0041	− 3.013	−0.550	29°1319
82.	3.17	3	6 34 33.497	29 32 53.00		
85.	3. 7	5	33.664	52.69		
85.	3.12	5	33.598	52.73		
85.	3.14	5	33.503	53.96		
3442	8.8	3.7021	−0.0033	− 3.016	−0.532	25°1393
87.	2.17	5	6 34 35.682	25 28 45.79		
93.	2.15	2	35.693	46.46		
3443	7.8	3.8198	−0.0041	− 3.016	−0.549	29°1320
84.	2.21	5	6 34 35.678	29 29 30.46		
84.	2.28	5	35.846	29.70		
3444	8.9	3.7618	−0.0037	− 3.029	−0.541	27°1199
81.	2.28	2	6 34 44.740	27 33 5.44		Z.C. δ $7''.3$
84.	3.10	3	44.401	8.36		
94.	2. 9	6	44.291	7.98		
94.	2.20	7	44.457	7.38		
3445	9.0	3.6846	−0.0032	− 3.030	−0.530	24°1365
87.	2.25	7	6 34 45.396	24 51 41.58		
93.	2.14	6	45.110	42.26		
3446	9.4	3.8076	−0.0041	− 3.034	−0.547	29°1321
80.	2.26	3	6 34 48.358	29 5 36.00		
93.	3. 8	2	48.195	35.24		
3447	8.6	3.8384	−0.0043	− 3.044	−0.552	30°1306
80.	3.10	3	6 34 55.388	30 6 16.23		
87.	3.16	5	55.681	18.05		
94.	2. 8	1	55.921	14.76		
3448	9.3	3.7333	−0.0036	− 3.051	−0.537	26°1331
80.	2.21	3	6 34 59.927	26 34 37.53		†
3449	9.0	3.7322	−0.0036	− 3.059	−0.537	26°1332
80.	2.21	3	6 35 5.874	26 32 12.97		d.
82.	3. 6	3	5.829	13.85		d.s.p.

3450	$8^{m}.6$	$3^{s}.7471$	$-0^{s}.0037$	$-\ 3''.089$	$-0''.539$	27°1204
80.	2.17	3	$6^{h}35^{m}26^{s}.846$	27° 3′ 35″.56		Z.C. δ 35″.4
84.	3.15	4	26.725	35.16		
3451	9.4	3.7557	−0.0038	− 3.101	−0.540	27°1206
87.	2.28	5	6 35 34.588	27 21 27.98		ft.
93.	3. 1	5	34.557	26.54		
3452	8.5	3.7130	−0.0036	− 3.108	−0.534	25°1397
78.	3.16	2	6 35 39.451	25 52 44.67		Z.C. δ 45″.9
82.	3.13	3	39.484	47.16		
3453	8.3	3.7900	−0.0041	− 3.115	−0.545	28°1217
76.	2.24	3	6 35 44.663	28 31 22.20		
84.	3.14	4	44.712	21.78		
3454	9.5	3.7225	−0.0036	− 3 116	−0.535	26°1336
76.	2.15	3	6 35 45.249	26 12 39.22		
94.	2. 5	7	44.897	40.02		p. of 2
3455	9.5	3.8300	−0.0044	− 3.123	−0.550	29°1324
74.	2.19	3	6 35 49.755	29 50 46.37		Z.C. δ 45″.8
80.	2.25	3	49.811	45.19		ft. Z.C. Ep. 77.1
3456	9.2	3.7523	−0.0038	− 3.136	−0.539	27°1209
82.	3.15	2	6 35 59.090	27 14 55.06		
87.	3.18	5	59.109	58.70		
3457	9.1	3.7480	−0.0038	− 3.139	−0.538	27°1211
80.	2.17	2	6 36 1.391	27 6 2.82		
80.	2.26	3	1.494	5.57		
3458	9.3	3.7612	−0.0039	− 3.139	−0.540	27°1210
84.	3.12	2	6 36 1.572	27 33 16.86		†
3459	9.0	3.7031	−0.0035	− 3.152	−0.532	25°1405
80.	3.10	3	6 36 11.163	25 32 23.56		
85.	2.20	7	11.093	23.54		
3460			Fundamental Star			25°1406
3461	8.2	3.7624	−0.0040	− 3.169	−0.540	27°1212
82.	3.13	3	6 36 22.163	27 36 6.30		
85.	2.19	7	22.265	5.51		
3462	9.0	3.6948	−0.0035	− 3.170	−0.531	25°1407
84.	2.21	4	6 36 22.744	25 14 59.49		
84.	2.28	4	22.767	59.96		
3463	9.0	3.7887	−0.0042	− 3.177	−0.544	28°1219
76.	2.24	2	6 36 27.168.	28 29 28.71		
85.	3. 7	7	27.563	30.45		§
85.	3.12	5	27.355	29.93		
85.	3.14	5	27.379	30.97		
3464	9.0	3.7068	−0.0037	− 3.190	−0.532	25°1408
78.	3.16	1	6 36 37.046	25 40 32.52		Z.C. δ 32″.9
82.	3. 6	3	36.818	33.27		
3465	6.0	3.8066	−0.0044	− 3.209	−0.546	29°1327
74.	2.19	3	6 36 50.194	29 5 41.67		Z.C. δ 41″.1
80.	2.25	3	50.132	40.48		
3466	$9^{m}.0$	$3^{s}.7231$	$-0^{s}.0038$	$-\ 3''.220$	$-0''.534$	26°1342
76.	2.15	1	$6^{h}36^{m}57^{s}.892$	26° 15′ 14″.63		Z.C. δ 14″.6
80.	3.10	1	57.904	14.52		
3467	9.0	3.8408	−0.0046	− 3.227	−0.551	30°1316
87.	2.17	7	6 37 2.415	30 13 8.22		
87.	3.16	7	2.489	10.80		
3468	9.4	3.8148	−0.0045	− 3.239	−0.547	29°1329
80.	2.21	2	6 37 10.102	29 22 11.96		− 1 int. †
3469	9.2	3.8141	−0.0045	− 3.246	−0.547	29°1330
80.	2.21	1	6 37 15.663	29 20 54.03		
93.	2.20	7	15.668	55.65		
3470	9.0	3.7811	−0.0043	− 3.267	−0.542	28°1222
82.	3.15	3	6 37 29.815	28 15 15.75		
93.	2.14	7	29.626	15.94		
3471	8.4	3.8184	−0.0046	− 3.268	−0.548	29°1332
74.	2.19	2	6 37 30.708	29 29 38.34		
79.	3. 6	2	30.500	36.48		
80.	2.25	3	30.618	36.53		
3472	9.4	3.7765	−0.0043	− 3.274	−0.542	28°1223
87.	2.28	5	6 37 35.337	28 5 47.36		
93.	3. 1	5	35.119	46.39		
3473	8.7	3.8237	−0.0047	− 3.282	−0.549	29°1334
79.	3. 8	3	6 37 40.441	29 40 13.24		
84.	3.15	7	40.291	12.30		
3474	7.8	3.6816	−0.0036	− 3.287	−0.528	24°1386
87.	3.18	5	6 37 43.714	24 47 56.40		
92.	3.14	7	43.620	53.96		
3475	7.1	3.7676	−0.0043	− 3.288	−0.540	27°1219
74.	3. 3	2	6 37 44.622	27 47 56.64		Z.C. δ 56″.3
80.	2.26	3	44.639	56.33		
80.	2.28	2	44.697	56.00		
3476	8.5	3.7264	−0.0040	− 3.292	−0.535	26°1345
74.	2.10	2	6 37 47.807	26 22 54.28		
77.	3.10	2	47.749	54.32		
80.	2.17	3	47.649	54.71		
84.	3.10	7	47.485	54.90		
3477	8.3	3.8167	−0.0047	− 3.294	−0.548	29°1336
74.	2 19	3	6 37 48.745	29 26 38.53		Z.C. δ 38″.5
80.	3. 3	3	48.793	38.47		
3478	8.8	3.7417	−0.0041	− 3.309	−0.537	26°1346
76.	2.15	2	6 37 59.487	26 55 1.38		
76.	3.18	2	59.585	2.19		
83.	2.13	3	59.594	1.62		
3479	9.2	3.7109	−0.0039	− 3.312	−0.532	25°1417
76.	3. 4	3	6 38 1.484	25 50 43.42		†
3480	9.0	3.7931	−0.0045	− 3.348	−0.544	28°1228
73.	2.27	3	6 38 26.781	28 40 22.80		− 1′
74.	2.17	2	26.812	25.88		
76.	3.11	3	26.681	25.51		

3481	$8^m.7$	$3^s.7714$	$-0^s.0044$	$-3''.353$	$-0''.541$	27°1222
77. 2. 2	3	$6^h 38^m 29^s.814$		27° 56′ 37″.92		
80. 2.17	3	29.606		38.60		
80. 2.26	3	29.662		39.01		
3482	8.1	3.8322	−0.0049	−3.360	−0.549	29°1342
74. 2.27	3	6 38 35 050		29 58 6.80		
76. 3.15	3	34.934		8.01		
78. 2.12	3	35.143		6.61		
3483	9.0	3 7934	−0.0046	−3.373	−0.544	28°1230
74. 2.17	3	6 38 43.950		28 41 13.60		
74. 3.18	3	43.766		13.44		
76. 3 11	1	43.693		13.05		bad
77. 3. 8	3	43.880		14.70		
79. 3. 7	3	43.790		14.39		
3484	9.0	3.7622	−0.0042	−3.375	−0.539	27°1223
73. 2.28	2	6 38 45.191		27 37 59.21		
74. 3. 3	2	45.211		61.36		
79. 3. 3	3	45.273		60.55		
3485	9.4	3.7095	−0.0040	−3.383	−0.531	25°1422
73. 3. 8	3	6 38 50.974		25 48 25.82		
74. 1.20	3	50.811		25.56		
74. 2.20	3	50.832		24.95		
74. 3. 2	3	50.948		24.60		
3486	9.0	3.8027	−0.0047	−3.391	−0.545	29°1345
74. 2.19	3	6 38 56.078		29 0 9.73		
74. 2.27	1	56.366		10.71		
75. 3.15	3	56.226		10.01		
3487	8.6	3.7269	−0.0042	−3.427	−0.534	26°1350
74. 2.10	3	6 39 21.370		26 25 41.30		
76. 3.18	3	21.215		40.08		w. 7 − 1^s
77. 2.26	3	21.113		39.91		
3488	8 7	3.7345	−0.0043	−3.431	−0.535	26°1351
76. 2.15	2	6 39 24.647		26 41 29.73		
77. 3.10	3	24.583		29.42		
77. 3.14	3	24.508		29.82		
3489	8.2	3.7508	−0.0044	−3.436	−0.537	27°1226
74. 3. 3	1	6 39 28.128		27 15 26.75		
75. 3.10	3	27.969		26.34		
77. 3.17	1	28.014		26.71		
3490	8.9	3.6855	−0.0039	−3.447	−0.528	24°1401
74. 2.20	3	6 39 35.152		24 58 3.36		
74. 3. 2	3	35.044		2.53		
77. 3. 5	3	35.099		2.80		
77. 3. 5	2	35.109		3.04		
3491	9.2	3.7399	−0.0043	−3.447	−0.536	26°1353
80. 2.17	3	6 39 35.379		26 52 49.93		
80. 3.17	3	35.359		50.14		
3492	8.7	3.7821	−0.0047	−3.454	−0.542	28°1234
74. 2.17	2	6 39 40.176		28 19 36.53		
74. 3.18	3	40.072		37.21		
76. 2.24	3	40.248		37.65		

3493	$8^m.4$	$3^s.7220$	$-0^s.0042$	$-3''.457$	$-0''.533$	26°1355
74. 2.10	1	$6^h 39^m 42^s.894$		26° 15′ 42″.59		
77. 2.26	3	42.826		43.15		
79. 3. 1	3	42.614		42.06		
3494	7.8	3.8401	−0.0051	−3.461	−0.550	30°1332
86. 2.24	5	6 39 45.429		30 14 50.13		
86. 3. 6	7	45.474		51.08		
87. 3. 3	7	45.452		50.06		
87. 3.10	7	45.431		50.98		
3495	9.4	3.6956	−0.0041	−3.473	−0.529	25°1431
74. 2.20	1	6 39 54.107		25 19 59.75		Z.C. δ 0″.1
74 3. 2	1	53.850		59.40		
78. 3 16	3	54.066		61.27		v. ft.
3496	9.0	3.7098	−0.0042	−3.475	−0.531	25°1433
73. 3 8	3	6 39 54.986		25 50 6.74		
74. 3. 7	3	54.842		6 63		
76. 2.11	2	55.189		6.64		
76. 3. 4	3	55.150		6.50		
3497	9.5	3.7584	−0.0045	−3.476	−0.538	27°1229
91. 3.16	4	6 39 55.453		27 31 38.28		v. ft. †
3498	9.2	3.7447	−0.0044	−3.485	−0.536	27°1230
75. 3.10	3	6 40 2.144		27 3 13.38		
77. 2. 2	2	1.981		13.55		
79. 3. 3	3	2.208		12.85		
3499	9.5	3.7882	−0.0048	−3.487	−0.543	28°1236
73. 2.27	3	6 40 3.091		28 32 9.40		†
3500	9.2	3.7884	−0.0048	−3.497	−0.543	28°1239
77. 3. 8	3	6 40 10.125		28 32 42.50		
79. 3. 7	3	9.996		43.29		
91. 3.12	4	10.138		43.83		v.ft.
3501	9.1	3.7082	−0.0042	−3.507	−0.531	25°1435
73. 3. 8	2	6 40 17.242		25 47 8.73		
74. 1.20	3	17.035		9.19		
76. 2.11	3	17.372		9.12		
3502	8.2	3.8114	−0.0050	−3.513	−0.546	29°1351
74. 2.19	3	6 40 21.464		29 18 58.95		Z.C.Ep. 78.7
75. 2.25	3	21.625		60.15		
75. 3.15	3	21.665		59.98		
76. 3.15	3	21.382		60.48		
79. 3. 6	3	21.544		59.83		
92. 2.18	4	21.863		59.69		
3503	8.8	3.7382	−0.0044	−3.514	−0.535	26°1358A
75. 3. 3	3	6 40 22.375		26 50 11.37		Z.C. δ 11″.8
77. 3.10	3	22.140		12.02		
80. 3.17	2	22.184		11.91		
3504	8.7	3.7383	−0.0044	−3.517	−0.535	26°1358B
75. 3. 3	2	6 40 23.905		26 50 24.68		Z.C. α $23^s.94$
80. 3.17	2	23.984		23.94		Z.C. δ 24″.3
3505	9.4	3.8357	−0.0053	−3.542	−0.548	30°1335
86. 3. 8	5	6 40 41.369		30 7 55.38		
87. 2.28	5	41.332		56.80		
88. 3.15	6	41.338		54.99		

3506	$9^{m}.5$	$3^{s}.7401$	$-0^{s}.0045$	$-3''.542$	$-0''.536$	26°1359
82.	2.13	3	$6^{h}40^{m}41^{s}.709$	26° 54′ 29″.29		†
3507	8.7	3.8398	−0.0054	− 3.579	−0.549	30°1336
86.	3. 3	5	6 41 7.004	30 15 52.06		clds
87.	2.17	7	7.066	51.51		Z.C. δ 51″.9
87.	3.11	7	7.007	52.16		
3508	9.0	3.7952	−0.0050	− 3.582	−0.543	28°1244
74.	3.18	3	6 41 9.789	28 47 33.29		
80.	2.17	3	9.741	32.70		
87.	3.12	7	9.898	32.77		
3509	9.4	3.7786	−0.0049	− 3.590	−0.541	28°1245
80.	2.26	3	6 41 14.822	28 14 9 02		Z.C. δ 9″.0
80.	3. 3	3	14.956	8.92		
3510	7.1	3.7520	−0.0046	− 3.600	−0.537	27°1236
74.	3. 3	3	6 41 21.805	27 19 41.68		
76.	2.22	3	21.748	41.82		
79.	3. 3	3	21.940	41.43		
3511	9.4	3.8033	−0.0051	− 3.600	−0.546	29°1355
74.	2.19	3	6 41 22.183	29 3 55.65		
74.	2.27	3	22.111	57.17		
75.	3.15	3	22.060	57.54		
76.	3.15	3	21.979	57.22		
3512	8.9	3.7723	−0.0048	− 3.604	−0.540	28°1246
73.	2.27	3	6 41 24.774	28 1 30.94		
74.	2.17	3	24.919	30.73		
77.	3. 8	3	24.982	31.63		
3513	8.1	3.7917	−0.0050	− 3.605	−0.543	28°1247
74.	3.18	2	6 41 25.725	28 40 46.68		
76.	3.11	3	25.735	46.64		
79.	3. 7	3	25.568	46.79		
3514	9.1	3.8118	−0.0052	− 3.616	−0.545	29°1357
92.	3.12	6	6 41 32.653	29 21 10.66		w.2 − 1^{s}, + 5′, †
3515	8.3	3.7848	−0.0050	− 3.638	−0.541	28°1248
80.	2.28	3	6 41 48.624	28 27 21.92		
80.	3.10	3	48.712	21.28		
80.	3.13	3	48.681	21.24		
82.	2.13	3	48.577	21.85		
86.	2.24	7	48.750	22.17		
87.	2.26	7	48.715	22.85		
89.	2.19	7	48.700	22.51		
89.	3. 4	5	48.630	23.05		
89.	3.15	7	48.861	22.38		
3516	9.4	3.7016	−0.0044	− 3.643	−0.529	25°1445
74.	1.20	3	6 41 51.727	25 34 37.54		
74.	3. 2	3	51.933	36.27		
76.	3. 4	3	51.830	36.05		
3517	8.7	3.7999	−0.0052	− 3.646	−0.543	28°1250
73.	3.13	2	6 41 53.964	28 57 51.61		+ 1^{s}
76.	3.11	3	53.902	52.59		
77.	3. 8	3	53.861	52.51		

3518	$7^{m}.3$	$3^{s}.7028$	$-0^{s}.0044$	$-3''.655$	$-0''.529$	25°1446
74.	2.20	3	$6^{h}42^{m}\ 0^{s}.620$	25° 37′ 25″.68		
77.	3. 5	3	0.632	25.15		
77.	3. 5	2	0.712	26.09		
77.	3.19	3	0.709	26.86		
3519	8 6	3.8216	−0.0053	− 3.659	−0.546	29°1361
74.	2.27	3	6 42 2.920	29 41 18.82		
75.	3.15	3	2.987	17.27		
77.	2.28	3	2.992	19.06		
3520	9.0	3.6817	−0.0042	− 3.664	−0.526	24°1414
74.	3. 7	3	6 42 6.386	24 52 29.61		
78.	3.16	3	6.474	29.05		
80.	2.26	3	6.421	29.43		
3521	8.3	3.7460	−0.0047	− 3.676	−0.535	27°1240
73.	2.28	3	6 42 14.721	27 8 32.12		
74.	3. 3	3	14.786	33.98		
75.	3.10	3	14.789	33.77		
77.	2. 2	3	14.906	33.04		
77.	2. 2	3	14.886	34.05		
77.	3.17	3	14.939	33.21		
3522	9.5	3.7767	−0.0050	− 3.680	−0.540	28°1253
73.	2.27	3	6 42 17.696	28 11 30.99		†
3523	9.5	3.7773	−0.0050	− 3.680	−0.540	28°1254
76.	2.24	3	6 42 17.922	28 12 43.65		ex. ft.
90.	3. 3	7	17.666	47.04		
90.	3.15	7	17.860	45.60		
3524	9.2	3.8196	−0.0054	− 3.680	−0.546	29°1364
74.	2.19	2	6 42 18.058	29 37 37.18		
76.	3.15	3	18.320	37.97		
3525	9.4	3.7122	−0.0045	− 3.683	−0.531	25°1453
73.	3. 8	3	6 42 19.637	25 57 51.29		
74.	2.20	1	19.584	50.15		
74.	3. 2	1	19.837	50.35		

3526 The observed place was wrongly altered; see 3526[a] and appendix 3526[b]

3526[a]	9.4	3.8217	−0.0055	− 3.711	−0.546	— —
75.	2.25	3	6 42 39.051	29 42 5.69		

Place confirmed by Oxford photograph 1903.3.16

3527	9.5	3.7762	−0.0051	− 3.712	−0.540	— —
74.	2.17	3	6 42 39.745	28 11 8.73		†
3528	9.4	3.8183	−0.0055	− 3.725	−0.546	29°1369
79.	3. 8	3	6 42 49.431	29 35 42.13		
93.	2.20	4	49.064	42.83		
94.	2. 5	6	49.019	43.60		
3529	9.5	3.8296	−0.0056	− 3.728	−0.547	29°1370
80.	2.26	2	6 42 51.105	29 57 46.88		
81.	3. 1	3	51.042	47.17		
82.	3. 3	3	51.313	48.21		
86.	3. 8	5	50.970	47.68		v. ft.
88.	3.15	2	51.219	44.93		v. ft. w. 6 − 1^{s}

3530 $9^{\mathrm{m}}5$ $3^{\mathrm{s}}7652$ $-0^{\mathrm{s}}0050$ − 3″729 −0″538 27°1243
80. 3. 3 3 $6^{\mathrm{h}}42^{\mathrm{m}}52^{\mathrm{s}}048$ 27° 48′ 59″06 Z.C. δ 58″9
80. 3.13 3 51.967 58.81

3531 9.5 3.7642 −0.0050 − 3.732 −0.538 27°1244
73. 2.28 3 6 42 53.699 27 46 44.78 †

3532 8.0 3.7254 −0.0047 − 3.745 −0.532 26°1370
74. 2.10 3 6 43 2.899 26 26 28.57
74. 3.23 3 2.905 27.56 − 1′
75. 3. 3 3 2.969 27.56
77. 2.26 3 2.968 27.16
77. 2.26 3 2.908 27.75
77. 3.14 3 2.921 27.71
77. 3.14 3 2.851 27.46

3533 8.6 3.6864 −0.0044 − 3.747 −0.526 25°1458
74. 1.20 3 6 43 3.883 25 3 41.02
76. 2.11 3 4.157 41.98
76. 3. 4 3 4.100 40.36

3534 8.7 3.6962 −0.0045 − 3.747 −0.528 25°1459
74. 3. 7 3 6 43 4.180 25 24 27.36
77. 3.19 2 4.278 28.13
78. 3.16 3 4.431 27.09

3535 8.9 3.7138 −0.0047 − 3.764 −0.530 26°1371
75. 3. 3 3 6 43 16.603 26 2 16.77 Z.C. δ 16″1
76. 3.18 3 16.630 14.37
77. 3.10 3 16.775 17.12
79. 3. 1 3 16.650 15.98

3536 7.2 3.7101 −0.0047 − 3.765 −0.530 25°1460
74. 3. 2 1 6 43 17.150 25 54 34.41
77. 3.19 2 17.202 34.40
80. 2.17 3 17.118 32.14
80. 3. 3 3 17.160 33.53
80. 3.18 3 17.050 32.21

3537 7.9 3.8303 −0.0057 − 3.767 −0.547 30°1345
77. 2.28 3 6 43 18.541 29 59 47.93 −10′
79. 3. 6 3 18.504 47.37 Z.C. α $18^{\mathrm{s}}51$
79. 3. 8 3 18.478 47.21

3538 8.2 3.8087 −0.0055 − 3.775 −0.544 29°1374
74. 2.27 3 6 43 24.032 29 17 21.33
75. 2.25 3 24.025 21.18
80. 2.28 3 23.792 21.04
80. 3.17 3 23.961 20.51

3539 9.2 3.7045 −0.0046 − 3.786 −0.529 25°1462
73. 3. 8 2 6 43 31.524 25 42 42.01
75. 3. 5 3 31.652 41.99
76. 2.11 2 31.535 40.68 v. ft.

3540 9.5 3.7597 −0.0051 − 3.786 −0.537 — —
74. 3. 3 1 6 43 31.667 27 38 18.31 †
Not + 27° 1247 : see appendix 3538ª

3541 9.0 3.7681 −0.0052 − 3.790 −0.538 27°1248
75. 3.10 3 6 43 34.268 27 55 34.07
77. 3.17 3 34.379 33.61
79. 3. 3 3 34.501 33.02

3542 $9^{\mathrm{m}}0$ $3^{\mathrm{s}}7354$ $-0^{\mathrm{s}}0049$ − 3″808 −0″533 26°1373
74. 2.10 3 $6^{\mathrm{h}}43^{\mathrm{m}}46^{\mathrm{s}}741$ 26° 48′ 26″41
76. 2.15 3 46.622 26.87
76. 3.18 2 46.863 27.84

3543 9.4 3.7089 −0.0048 − 3.830 −0.529 25°1464
74. 2.20 3 6 44 2.732 25 52 52.91 Z.C. δ 52″3
74. 3. 2 1 2.654 51.52
80. 2.28 3 2.803 53.04
80. 3.10 3 2.765 51.59

3544 8.9 3.6896 −0.0046 − 3.831 −0.527 25°1465
74. 1.20 3 6 44 3.052 25 11 37.37
78. 3.16 3 3.309 36.67
80. 2.17 3 3.130 36.93
87. 3.12 7 3.237 36.57

3545 8.7 3.6779 −0.0045 − 3.832 −0.525 24°1427
86. 3. 6 5 6 44 3.775 24 46 21.87 +1′
87. 2.17 5 3.925 20.47
87. 3.11 5 3.772 21.28

3546 9.2 3.7245 −0.0049 − 3.837 −0.532 26°1374
74. 2.10 1 6 44 7.624 26 25 42.20 Z.C. δ 42″2
80. 3.13 3 7.401 42.21

3547 8.1 3.7279 −0.0049 − 3.838 −0.532 26°1375
74. 3.23 3 6 44 7.929 26 32 48.51
77. 3.10 3 8.020 48.18
80. 3.17 3 7.955 48.02

3548 9.2 3.7075 −0.0048 − 3.841 −0.529 25°1467
87. 2.25 5 6 44 9.978 25 50 8.07
89. 3. 4 1 10.023 6.79

3549 9.0 3.7923 −0.0055 − 3.845 −0.541 28°1260
73. 2.27 3 6 44 12.882 28 45 25.42
73. 3.13 3 12.763 24.85
74. 2.17 3 12.946 25.24
74. 3.18 3 12.724 25.85
76. 3.11 3 12.805 25.28
79. 3. 7 3 12.776 25.96

3550 7.0 3.7067 −0.0047 − 3.849 −0.529 25°1469
74. 3. 7 3 6 44 15.400 25 48 27.52 Z.C. δ 27″1
77. 3.19 1 15.575 26.22
80. 3.18 3 15.437 27.47

3551 9.0 3.7601 −0.0052 − 3.850 −0.537 27°1250
73. 2.28 3 6 44 15.953 27 40 2.46
74. 3. 3 1 16.152 2.75
75. 3.10 3 16.170 2.91

3552 8.9 3.7225 −0.0049 − 3.855 −0.531 26°1376
79. 3. 1 3 6 44 19.701 26 21 50.79
82. 3. 3 3 19.804 50.04
82. 3. 6 3 19.538 49.65

3553 9.3 3.7250 −0.0050 − 3.875 −0.532 26°1377
81. 3. 1 3 6 44 34.016 26 27 31.18 Z.C. δ 31″2 †

3554	$9^{\mathrm{m}}5$	$3^{\mathrm{s}}7333$	$-0^{\mathrm{s}}0050$	$-\ 3''889$	$-0''532$	26°1378
76. 2.15	3		$6^{\mathrm{h}}44^{\mathrm{m}}43^{\mathrm{s}}869$	26° 44′ 53″70		Z.C. δ 52″9
80. 3. 3	3		44.101	52.28		
82. 3.15	3		44.144	51.94		
82. 3.17	2		44.026	53.55		ex. ft.
3555	9.5	3.8020	−0.0057	− 3.890	−0.542	29°1383
93. 3. 1	2		6 44 44.778	29 5 29.18		$+ 1^{\mathrm{s}}$
94. 2. 8	7		44.780	28.12		
3556	7.7	3.8172	−0.0058	− 3.890	−0.544	29°1382
74. 2.19	3		6 44 44.761	29 35 35.90		
74. 2.27	3		44.907	36.36		
75. 2.25	3		44.689	36.88		
3557	9.5	3.8017	−0.0057	− 3.899	−0.542	29°1384
93. 2.14	6		6 44 50.340	29 4 56.34		†
3558	9.5	3.8027	−0.0057	− 3.902	−0.542	29°1385
79. 3. 8	3		6 44 52.563	29 7 7.13		†
3559	9.4	3.8234	−0.0059	− 3.908	−0.545	29°1386
76. 3.15	3		6 44 57.071	29 48 18.26		Z.C. δ 18″3
77. 2.28	3		57.456	18.43		
80. 2.28	3		57.151	18.09		
3560	8.7	3.7068	−0.0049	− 3.912	−0.528	25°1476
75. 3. 5	3		6 44 60.144	25 49 28.73		$-0^{\mathrm{r}}1$
77. 3. 5	3		59.951	27.48		Z.C. δ 28″2
77. 3. 5	2		60.071	27.99		
80. 3.18	3		59.988	28.58		
81. 3. 1	3		60.044	27.98		
3561	8.5	3.6869	−0.0047	− 3.919	−0.525	25°1478
73. 3. 8	3		6 45 4.802	25 7 5.15		
74. 2.20	3		4.750	4 94		
76. 3. 4	3		4.899	4.93		
3562	7.5	3.7092	−0.0049	− 3.929	−0.529	25°1479
74. 1.20	3		6 45 11.311	25 54 45.12		
74. 3. 2	1		11.337	45.52		
78. 3.16	3		11.431	44.44		
3563	8.4	3.7947	−0.0057	− 3.930	−0.541	28°1266
73. 2.27	3		6 45 12.062	28 51 30.42		
73. 3.13	3		12.091	29.38		
74. 2.17	3		12.212	30.42		
3564	8.6	3.7964	−0.0057	− 3.941	−0.542	28°1267
74. 2.17	2		6 45 20.302	28 55 2.69		
76. 3.11	3		20.299	3.57		
77. 3. 8	3		20.368	2.18		
79. 3. 7	3		20.420	2.11		
3565	8.9	3.7799	−0.0055	− 3.948	−0.539	28°1268
73. 3.13	1		6 45 24.932	28 21 39.98		*
74. 3.18	3		24.676	41.33		Z.C. δ 40″8
80. 3. 3	3		24.657	41.58		
80. 3.13	3		24.664	40.76		
80. 3.17	3		24.536	40.43		
3566	$7^{\mathrm{m}}5$	$3^{\mathrm{s}}6963$	$-0^{\mathrm{s}}0048$	$-\ 3''948$	$-0''527$	25°1482
74. 3. 7	3		$6^{\mathrm{h}}45^{\mathrm{m}}24^{\mathrm{s}}606$	25° 27′ 40″10		
75. 3. 5	1		24.828	39.44		$-0^{\mathrm{r}}1$
76. 2.11	3		24.787	40.14		
88. 3. 3	7		24.622	39.60		
3567	8.9	3.8203	−0.0059	− 3.951	−0.544	29°1389
74. 2.19	3		6 45 27.399	29 42 50.94		
74. 2.27	3		27.515	51.42		
76. 3.15	2		27.439	51.26		
3568	8.3	3.8187	−0.0060	− 3.971	−0.544	29°1391
75. 3.15	2		6 45 41.118	29 40 5.89		
79. 3. 6	3		41.157	4.51		
3569	9.5	3.7868	−0.0057	− 3.994	−0.539	28°1270
88. 3. 8	5		6 45 56.772	28 36 39.71		†
3570	9.2	3.8201	−0.0060	− 3.998	−0.544	29°1392
74. 2.19	3		6 46 0.345	29 43 13.18		†
3571	8.0	3.7847	−0.0057	− 4.004	−0.539	28°1271
74. 2.17	1		6 46 3.991	28 32 17.81		
74. 3.18	3		3.745	16.79		
76. 3.11	3		3.594	17.68		
86. 3. 6	7		3.798	17.22		
87. 2.26	7		3.820	17.85		
87. 3.12	7		3.824	16.36		
3572	9.5	3.6822	−0.0048	− 4.014	−0.525	24°1436
74. 3. 7	1		6 46 11.070	24 58 6.52		†
3573	9.0	3.6807	−0.0048	− 4.016	−0.524	24°1437
87. 2.25	5		6 46 12.429	24 54 51.49		
87. 2.28	7		12.255	52.85		
88. 3.15	5		12.314	52.08		
3574	9.0	3.7527	−0.0054	− 4.025	−0.535	27°1256
73. 2.28	3		6 46 18.486	27 27 25.10		
75. 3.10	3		18.597	25.79		
76. 2.22	2		18.514	25.04		
77. 2. 2	3		18.520	25.93		
77. 2. 2	2		18.570	25.51		
77. 3.17	3		18.324	25.86		
3575	8.7	3.8054	−0.0060	− 4.042	−0.541	29°1394
80. 3.10	3		6.46 30.448	29 14 31.77		Z.C. δ 32″5
80. 3.10	2		30.548	32.34		
87. 2.17	7		30.579	30.96		
87. 3.11	5		30.510	33.44		+ 1 int.
89. 3. 4	7		30.539	33.89		
89. 3.15	7		30.663	32.72		
3576	9.3	3.7010	−0.0050	− 4.047	−0.527	25°1487
73. 3. 8	3		6 46 34.098	25 38 53.39		
88. 3. 1	5		34.202	54.32		
3577	8.9	3.8010	−0.0059	− 4.049	−0.541	29°1395
79. 3. 6	3		6 46 35.194	29 6 3.93		
79. 3. 8	3		35.388	5.10		
3578	8.5	3.7570	−0.0055	− 4.052	−0.535	27°1258
74. 3. 3	3		6 46 37.984	27 36 39.49		
76. 2.22	3		38.061	38.23		
77. 3.17	3		38.276	38.17		

3579	$7^{\rm m}5$	$3^{\rm s}7303$ $-0^{\rm s}0053$	$-4''060$ $-0''531$	26°1387
74. 2.10	3	$6^{\rm h}46^{\rm m}43^{\rm s}583$	$26^{\circ}40'59''89$	
74. 3.23	3	43.441	60.56	
75. 3. 3	3	43.601	59.91	
77. 2.26	3	43.412	58.89	
77. 2.26	2	43.432	59.55	
3580	7.8	3.8275 −0.0062	− 4.068 −0.545	30°1357
74. 2.27	3	6 46 49.252	29 58 50.60	Z.C. δ 49″8
75. 2.25	2	49.181	48.91	
80. 2.28	3	49.183	49.83	
80. 3.18	3	49.151	49.88	
3581	9.5	3.7594 −0.0056	− 4.082 −0.535	27°1260
73. 2.28	3	6 46 58.695	27 41 50.22	
74. 3. 3	3	58.894	50.95	
80. 2.17	3	59.011	50.63	
3582	9.4	3.7787 −0.0058	− 4.091 −0.537	28°1273
73. 2.27	3	6 47 5.390	28 21 21.10	− 15′
74. 2.17	1	5.669	22.98	Z.C. α 5ˢ42
76. 2.24	3	5.327	23.16	v. ft.
77. 3. 8	3	5.311	24.13	Z.C. δ 22″9
79. 3. 7	3	5.417	22.90	v. ft.
3583	9.3	3.7930 −0.0060	− 4.093 −0.539	28°1274
76. 3.11	3	6 47 6.352	28 50 36.34	†
3584	8.8	3.7181 −0.0054	− 4.098 −0.529	26°1388
75. 3. 3	3	6 47 10.225	26 15 58.82	
76. 2.15	3	10.051	58.48	
76. 3.18	3	10.272	59.51	
77. 3.14	3	10.190	58.79	
77. 3.14	3	10.160	57.78	
3585	9.0	3.7017 −0.0051	− 4.114 −0.527	25°1492
73. 3. 8	3	6 47 21.434	25 41 19.22	
74. 1.20	3	21.159	19.17	
74. 2.20	3	21.258	19.93	
76. 2.11	3	21.224	19.00	ft.
76. 3. 4	3	21.017	19.13	
3586	9.4	3.6834 −0.0050	− 4.114 −0 524	25°1493
74. 3. 2	3	6 47 21.283	25 2 3.63	†
3587	8.5	3.7210 −0.0053	− 4.114 −0.530	26°1390
74. 2.10	3	6 47 21.384	26 22 14.53	
77 3.10	3	21.531	15.44	
79. 3. 1	3	21.501	15.04	
3588	8.7	3.7536 −0.0056	− 4.120 −0.534	27°1264
75. 3.10	3	6 47 25.170	27 30 25.89	
77. 3.17	2	25.067	26.09	
3589	9.4	3.6841 −0.0050	− 4.131 −0.523	25°1494
75. 3. 5	2	6 47 33.183	25 3 50.46	Z.C. δ 50″8
78. 2.15	3	33.149	51.09	
3590	9.0	3.7299 −0.0054	− 4.131 −0.531	26°1392
76. 2.15	3	6 47 33.366	26 41 16.79	Z.C. δ 17″0
80. 2.17	3	33.224	17.16	
80. 3. 3	3	33.243	17.28	
80. 3.13	3	33.188	16.74	

3591	$6^{\rm m}2$	$3^{\rm s}6971$ $-0^{\rm s}0052$	$-4''137$ $-0''525$	25°1496
74. 2.20	3	$6^{\rm h}47^{\rm m}37^{\rm s}483$	$25^{\circ}31'47''18$	Z.C. δ 47″6
76. 3. 4	2	37.458	47.75	
77. 3. 5	3	37.516	46.76	
78. 3.16	3	37.475	48.89	
3592	8.9	3.8083 −0.0062	− 4.143 −0.541	29°1400
74. 2.27	3	6 47 41.613	29 21 59.37	
75. 3.15	3	41.696	60.34	
77. 2.28	3	41.655	60.28	
77. 2.28	3	41.575	60.43	
86. 3. 8	5	41.625	58.81	
3593	9.3	3.7913 −0.0060	− 4.156 −0.539	28°1277
74. 3.18	3	6 47 50.588	28 48 6.07	+ 5ˢ, − 1′
79. 3. 7	3	50.539	7.81	
3594	9.2	3.7407 −0.0056	− 4.166 −0.531	27°1268
80. 2.28	3	6 47 57.966	27 4 21.89	
80. 3 17	3	57.554	18.97	
81. 3. 1	3	57.836	21.06	
82. 3. 3	3	57.559	21.26	
3595	8.9	3.8036 −0.0062	− 4.167 −0.541	29°1402
79. 3. 6	3	6 47 58.334	29 12 55.11	
79. 3. 8	3	58.599	55.17	
80. 3.10	3	58.493	53.63	
3596	8.1	3.7503 −0.0057	− 4.170 −0.533	27°1269
74. 3. 3	3	6 47 60.020	27 24 22.58	
79. 3. 3	3	60.032	21.63	
80. 3.18	3	59.980	21.82	
3597	9.4	3.7810 −0.0059	− 4.181 −0.538	28°1278
74. 3.18	3	6 48 7.668	28 27 35.07	
88. 3.15	5	7.784	32.40	
3598	7.3	3.7513 −0.0057	− 4.181 −0.533	27°1270
73. 2.28	3	6 48 7.814	27 26 32.81	
76. 2.22	3	7.902	33.47	
79. 3. 3	3	7.965	33.20	
3599	8.4	3.8176 −0.0063	− 4.186 −0.543	29°1403
75. 2.25	3	6 48 11.448	29 40 59.47	Z.C. δ 59″5
76. 3.15	3	11.435	59.79	
80. 3.13	3	11.414	58.88	
80. 3.17	3	11.363	59.69	
3600	9.3	3.8238 −0.0065	− 4.203 −0.544	29°1404
74. 2.27	2	6 48 23.909	29 53 46.45	Z.C. δ 45″7
79. 3. 8	3	23.735	45.14	
81. 3. 1	3	23.655	45.41	
3601	9.0	3.8074 −0.0063	− 4.204 −0.541	29°1405
86. 2.24	5	6 48 24.145	29 21 11.17	
87. 3.11	5	24.009	11.77	
88. 3. 1	5	24.237	13.95	
3602	9.0	3.7024 −0.0053	− 4.208 −0.526	25°1499
74. 3. 2	3	6 48 26.530	25 44 5.94	
76. 2.11	2	26.662	5.63	

3603	$9^{m}.2$	$3^{s}.7396$	$-0^{s}.0056$	$- 4''.208$	$-0''.531$	27°1272
80.	2.17	2	$6^{h}48^{m}26^{s}.672$	27° 2′ 41″.19		Z.C. δ 41″.3
81.	3. 8	3	26.851	41.40		
3604	9.1	3.7843	−0.0061	− 4.210	−0.538	28°1280
73.	2.27	3	6 48 28.063	28 34 50.15		Z.C. δ 50″.9
73.	3.13	3	28.150	49.69		
74.	2.17	2	28.085	51.76		
77.	3. 8	3	27.981	51.16		
77.	3. 8	2	28.211	50.68		
79.	3. 7	3	28.346	51.80		
3605	9.0	3.7131	−0.0054	− 4.216	−0.528	26°1396
74.	2.10	3	6 48 32.603	26 7 5.15		
75.	3. 3	3	32.404	6.79		
76.	3.18	3	32.492	5.92		
3606	8.9	3.7391	−0.0057	− 4.216	−0.531	27°1273
75.	3.10	3	6 48 32.871	27 1 50.73		Z.C. δ 50″.2
80.	2.17.	1	32.934	49.76		
81.	3. 8	1	32,824	50.16		
3607	7.6	3.6863	−0.0052	− 4.225	−0.524	25°1502
73.	3. 8	3	6 48 38.721	25 9 52.56		
74.	2.20	3	38.809	52.66		
77.	3.19	3	38.759	52.49		
78.	3.16	3	38.708	53.30		
3608	8.9	3.8003	−0.0063	− 4.227	−0.540	29°1407
75.	3.15	3	6 48 39.991	29 7 27.35		d.s.
76.	3.15	3	39.883	26.55		d.s.
79.	3. 6	3	40.074	25.76		d.s.
80.	3.19	3	40.199	27.52		d.s.
3609	9.2	3.7531	−0.0058	− 4.242	−0.533	27°1275
74.	3. 3	2	6 48 51.027	27 31 12.50		
77.	2. 2	3	51.055	13.71		
77.	2. 2	2	50.885	12.50		-1^{m}
80.	2.28	3	50.916	13.38		
82.	3.13	3	50.951	12.54		
3610	9.5	3.7844	−0.0062	− 4.247	−0.537	28°1282
76.	3.11	3	6 48 54.121	28 35 31.86		†
3611	9.0	3.7093	−0.0054	− 4.247	−0.527	26°1398
77.	3.10	3	6 48 54.033	25 59 31.84		
86.	3. 6	5	54.135	31.69		
86.	3. 9	5	54.171	32.76		
87.	3.10	5	54.308	31.48		
87.	3.18	7	54.362	34.20		
3612	8.8	3.7006	−0.0053	− 4.259	−0.526	25°1505
74.	1.20	3	6 49 2.873	25 41 6.92		
74.	3. 2	2	2.975	6.84		
75.	3. 5	3	2.910	7.44		
77.	3.19	3	3.123	5.98		
3613	8.7	3.6807	−0.0052	− 4.275	−0.523	25°1507
74.	3. 7	3	6 49 13.838	24 58 36.79		
77.	3. 5	3	13.920	37.26		
77.	3. 5	2	14.060	37.36		
78.	2.15	3	14.056	36.76		

3614	$8^{m}.9$	$3^{s}.7652$	$-0^{s}.0060$	$- 4''.278$	$-0''.535$	27°1276
73.	2.28	3	$6^{h}49^{m}15^{s}.841$	27° 56′ 52″.66		
75.	3.10	3	16.101	53.74		
76.	2.22	3	15.845	53.28		
89.	2.19	7	15.955	54.28		
89.	3. 4	7	15.947	53.45		
89.	3. 5	7	15.901	53.30		
89.	3.15	7	16.043	53.99		
3615	7.0	3.6759	−0.0052	− 4.285	−0.522	24°1470
86.	3. 4	5	6 49 21.003	24 48 13.44		hazy
87.	3.12	7	21.100	13.58		†
87.	3.19	7	20.891	13.24		
88.	3. 8	7	20.972	13.78		
3616	7.5	3.6845	−0.0052	− 4.286	−0.523	25°1509
73.	3. 8	3	6 49 21.590	25 7 4.11		d. l.
76.	2.11	3	21.289	4.35		
3617	8.5	3.7020	−0.0055	− 4.296	−0.525	25°1510
76.	3. 4	3	6 49 28.389	25 44 39.41		
92.	3.12	7	28.608	39.11		
92.	3.14	7	28.623	40.39		-1^{m}
93.	2.14	7	28.364	39.21		
3618	9.3	3.7330	−0.0057	− 4.296	−0.530	26°1400
83.	2.21	3	6 49 28.516	26 50 19.93		†
3619	9.3	3.7089	−0.0055	− 4.297	−0.527	26°1401
74.	2.10	3	6 49 29.166	25 59 27.06		
75.	3. 3	3	29.008	26.19		
76.	2.15	2	29.007	26.87		
77.	2.26	3	29.086	26.98		
3620	9.0	3.6894	−0.0053	− 4.298	−0.524	25°1511
74.	3. 7	3	6 49 30.183	25 17 37.87		
78.	3.16	3	30.298	37.81		
80.	3.10	3	30.497	36.36		
80.	3.13	2	30.164	38.22		
80.	3.18	3	30.227	37.62		
86	3. 8	5	30.328	36.95		
87.	3.16	5	30.548	38.10		
3621	9.4	3.7025	−0.0055	− 4.331	−0.525	25°1512
74.	1.20	3	6 49 52.901	25 46 21.43		Z.C. δ 21″.0
74.	3. 2	1	53.151	21.09		
78.	2.15	3	53.129	20.51		
3622	8.9	3.7384	−0.0058	− 4.343	−0.530	27°1280
74.	3. 3	3	6 50 1.958	27 2 10.88		Z.C. δ 10″.9
77.	3.17	3	2.081	11.06		
80.	2.28	3	1.898	11.41		
80.	3.13	3	1.927	10.24		
81.	3. 8	2	2.013	10.74		
3623	8.6	3.7296	−0.0057	− 4.351	−0.529	26°1404
74.	2.10	2	6 50 7.806	26 43 53.92		
74.	3.23	3	7.587	52.81		
76.	3.18	3	7.579	53.16		
77.	3.14	2	7.549	52.58		
3624	9.0	3.6798	−0.0053	− 4.357	−0.522	24°1477
86.	2.24	5	6 50 11.388	24 57 55.11		
87.	2.28	7	11.350	56.31		
88.	3. 3	5	11.506	54.66		
88.	3.15	7	11.498	55.25		+ 5′

3625	$9^{m}5$	$3^{s}7794$	$-0^{s}0063$	$-4''361$	$-0''536$	— —
74. 3.18	2	$6^{h}50^{m}14^{s}530$		$28^\circ 27' 8''64$		†
3626	8.3	3.7422	−0.0059	− 4.363	−0.531	27°1281
75. 2. 4	3	6 50 15.574		27 10 30.72		
75. 3.10	3	15.562		31.23		
79. 3. 3	3	15.573		31.08		
3627	8.3	3.7602	−0.0061	− 4.371	−0.533	27°1282
75. 2. 4	2	6 50 21.685		27 48 1.44		Z.C. $\delta\ 1''4$
76. 2.22	3	21.706		1.15		
80. 3.17	3	21.651		0.95		
80. 3.18	3	21.652		2.01		
3628	8.0	3.6844	−0.0054	− 4.382	−0.522	25°1517
73. 3. 8	3	6 50 28.873		25 8 9.07		
74. 2.20	3	28.727		8.71		
75. 3. 5	3	29.046		6.90		
76. 2.11	2	28.961		7.57		
77. 3.19	1	28.809		7.50		
3629	9.0	3.7958	−0.0065	− 4.383	−0.538	29°1415
75. 2.25	3	6 50 29.938		29 0 39.53		
75. 3.15	3	29.891		39.93		
79. 3. 6	3	30.036		38.88		
3630	8.9	3.8119	−0.0067	− 4.396	−0.541	29°1416
74. 2.27	3	6 50 39.395		29 33 22.11		
76. 3.15	2	39.159		21.74		
79. 3. 8	3	39.380		21.20		
3631	8.7	3.6773	−0.0054	− 4.405	−0.521	24°1481
86. 3. 3	5	6 50 45.535		24 53 13.50		v. ft. cld.
86. 3. 9	5	45.349		14.88		
88. 3. 1	7	45.513		14.21		
3632	7.9	3.6828	−0.0055	− 4.410	−0.522	25°1519
74. 3. 2	1	6 50 48.562		25 5 9.63		
75. 3. 5	3	48.663		10.24		
78. 2.15	3	48.598		10.17		$+1^{m}$
3633	9.0	3.7887	−0.0065	− 4.415	−0.537	28°1286
73. 2.27	3	6 50 52.545		28 47 1.28		
73. 3.13	3	52.561		0.38		
74. 2.17	3	52.515		0.93		
3634	9.0	3.8110	−0.0067	− 4.417	−0.540	29°1417
74. 2 27	2	6 50 53.753		29 31 53.55		
76. 3.15	2	53.501		53.50		
79. 3. 8	3	53.592		53.53		
3635	8.7	3.7899	−0.0065	− 4.427	−0.537	28°1287
86. 3. 4	5	6 51 1.367		28 49 38.71		
86. 3. 6	5	1.226		39.24		
87. 3. 3	5	1.334		38.56		
87. 3.10	7	1.367		39.05		
3636	6.7	3.7151	−0.0058	− 4.433	−0.526	26°1405
74. 2.10	2	6 51 5.291		26 14 35.32		
74. 3.23	3	5.058		34.70		D−50″
76. 2.15	3	5.082		34.53		
76. 3.18	3	5.092		35.94		
77. 3.10	3	5.324		36.01		
77. 3.10	2	4.974		35.01		
79. 3. 1	1	4.968		35.34		

3637	$9^{m}0$	$3^{s}7498$	$-0^{s}0061$	$-4''441$	$-0''532$	27°1286
73. 2.28	2	$6^{h}51^{m}10^{s}562$		$27^\circ 27' 41''72$		
74. 3. 3	3	10.679		42.70		
75. 3.10	3	10.592		42.34		
77. 2. 2	3	10.603		42.03		
3638	8.6	3.6938	−0.0056	− 4.441	−0.523	25°1520
74. 1.20	3	6 51 10.782		25 29 24.43		
74. 2.20	3	10.890		23.81		
76. 3. 4	3	10.904		22.35		
77. 3. 5	3	10.973		22.74		
78. 3.16	3	10.946		23.00		
3639	9.0	3.7176	−0.0058	− 4.443	−0.527	26°1407
75. 3. 3	3	6 51 12.198		26 20 2.74		
79. 3. 1	3	12.427		1.66		
80. 2.17	3	12.339		2.10		
3640	8.9	3.8080	−0.0067	− 4.451	−0.539	29°1421
75 2.25	3	6 51 17.642		29 26 21.57		Z.C. $\delta\ 21''9$
80. 3.17	3	17.562		21.52		
80. 3.18	3	17.455		22.51		
3641	8.9	3.8192	−0.0069	− 4.459	−0.541	29°1422
75. 3.15	3	6 51 23.500		29 48 47.51		
79. 3. 6	3	23.353		47.13		
79. 3. 8	1	23.397		46.77		
3642	8.9	3.6803	−0.0055	− 4.460	−0.522	25°1522
74 3. 7	3	6 51 23.822		25 0 27.19		−1 int.
80. 3.19	3	23.889		26.72		
81. 3. 1	3	23.929		26.38		Z.C. Ep. 79.2
81. 3.19	3	23.894		26.38		
3643	9.0	3.7240	−0.0059	− 4.467	−0.528	26°1409
80. 2.28	3	6 51 28.683		26 34 6.58		
93. 2.20	3	28.665		5.12		
3644	8.6	3.7101	−0.0058	− 4.470	−0.525	26°1410
93. 2.14	7	6 51 30.969		26 4 43.17		
93. 2.20	1	31.066		41.16		
93. 3. 1	4	30.852		42.63		
3645	8.9	3.6798	−0.0055	− 4.473	−0.521	25°1523
74. 2.20	2	6 51 32.998		24 59 40.49		Z.C. $\delta\ 40''9$
74. 3. 7	2	33.062		41.01		
80. 3.19	3	33.020		41.47		
81. 3.19	3	33.045		40.73		
3646	8.3	3.6910	−0.0057	− 4.484	−0.523	25°1524
73. 3. 8	3	6 51 40.548		25 24 3.25		Z.C. $\delta\ 3''2$
78. 3.16	3	40.710		3.09		
3647	8.9	3.6910	−0.0057	− 4.486	−0.523	25°1525
74. 3. 2	1	6 51 42.151		25 24 12.24		
75. 3. 5	3	42.083		11.62		
76. 2.11	2	42.313		11.30		
3648	9.4	3.7780	−0.0065	− 4.488	−0.535	28°1288
73. 3.13	3	6 51 43.384		28 26 24.04		
76. 3.11	3	43.289		25.16		ex. ft.
77. 3. 8	3	43.197		23.66		
77. 3. 8	2	43.307		24.46		v. ft.
79. 3. 7	3	43.449		25.80		ex. ft.

3649	$6^{m}.5$	$3^{s}.7101$	$-0^{s}.0059$	$-4''.490$	$-0''.525$	26°1411
74.	3.23	3	$6^{h}51^{m}44^{s}.778$		26° 4' 53''.83	
76.	3.18	2	44.762		55.04	
77.	3.14	3	44.774		54.15	
3650	9.0	3.7137	−0.0059	− 4.492	−0.526	26°1412
77.	2.26	3	6 51 46.580		26 12 41.24	
77.	2.26	2	46.650		42.84	
80.	3.10	3	46.711		41.61	
82.	3. 6	3	46.765		41.56	
3651	9.5	3.7307	−0.0061	− 4.496	−0.528	26°1414
82.	3.16	2	6 51 49.367		26 48 43.62	-1^{s}
94.	2. 5	7	49.376		42.73	
3652	9.5	3.7329	−0.0061	− 4.498	−0.529	26°1413
80.	2.17	2	6 51 50.488		26 53 21.91	
83.	2.21	3	50.710		24.22	
3653	9.5	3.7971	−0.0067	− 4.514	−0.537	29°1423
94.	2. 8	3	6 52 1.488		29 5 42.05	
95.	1.23	6	1.965		46.47	
95.	1.30	2	1.854		42.69	-2^{s}
95.	2.25	7	1.945		44.84	
3654	7.5	3.8225	−0.0070	− 4.525	−0.541	29°1425
75.	2.25	3	6 52 10.039		29 56 26.77	
76.	3.15	3	9.938		25.59	
77.	2.28	3	9.879		27.15	
77.	2.28	2	9.789		27.53	
3655	9.1	3.7629	−0.0065	− 4.544	−0.532	— —
73.	3.13	2	6 52 22.931		27 56 23.60	
75.	2. 4	2	22.734		22.19	neb. d.l.
77.	3.17	1	22.477		22.81	* d.l.
3656	9.1	3.7623	−0.0065	− 4.545	−0.532	27°1291
73.	2.28	3	6 52 23.536		27 55 10.82	
74.	2.17	3	23.389		12.80	
75.	2. 4	2	23.582		11.34	−1 int.
77.	3.17	3	23.478		12.15	ex. ft.
3657	7.8	3.7371	−0.0062	− 4.551	−0.529	27°1292
76.	2.22	3	6 52 28.174		27 2 50.66	
76.	3.20	3	28.268		52.50	
77.	2. 2	3	28.379		51.44	
3658	9.5	3.7242	−0.0061	− 4.557	−0.527	26°1418
75.	3. 3	3	6 52 32.062		26 35 61.89	Z.C. δ 59''.7
76.	2.15	3	32.286		59.78	
80.	2.28	3	32.393		60.07	−1'
80.	3.10	3	32.451		57.24	−1' n. f. of 2
3659	9.5	3.6968	−0.0058	− 4.562	−0.523	25°1530
73.	3. 8	2	6 52 35.792		25 37 36.41	†
3660	9.3	3.6961	−0.0058	− 4.564	−0.523	25°1531
74.	1.20	3	6 52 36.949		25 36 7.81	
74.	2.20	2	37.133		8.43	
76.	3. 4	3	37.313		7.12	
3661	9.5	3.7994	−0.0069	− 4.582	−0.537	29°1427
74.	2.27	3	6 52 50.031		29 11 20.74	
80.	3.13	3	50.000		18.97	
88.	3.15	7	50.110		19.74	

3662	$9^{m}.1$	$3^{s}.7495$	$-0^{s}.0064$	$-4''.589$	$-0''.530$	27°1293 A
81.	3. 8	3	$6^{h}52^{m}54^{s}.428$		27° 29' 25''.22	
82.	3. 6	2	54.475		24.45	
3663	9.1	3.7491	−0.0064	− 4.590	−0.530	27°1293 B
80.	2.28	1	6 52 55.218		27 28 43.61	
82.	3. 6	2	55.579		43.30	
3664	9.0	3.7479	−0.0064	− 4.592	−0.530	27°1294
80.	3.17	3	6 52 56.569		27 26 20.67	Z.C. δ 19''.9
93.	3. 4	4	56.704		19.10	
3665	9.0	3.7506	−0.0065	− 4.598	−0.530	27°1295
79.	3. 3	3	6 53 1.258		27 31 50.01	v. ft.
80.	3.10	2	1.047		48.64	Z.C. δ 50''.1
81.	3. 8	1	1.037		50.36	
82.	3. 3	3	0.988		50.17	
83.	2.13	3	1.054		50.08	
83.	2.21	3	0.976		51.24	
3666	8.7	3.7635	−0.0066	− 4.599	−0.532	28°1290
73.	2.27	3	6 53 2.107		27 58 33.01	†
74.	2.17	3	2.111		33.13	−1'
74.	3. 3	3	2 137		33.27	
74.	3.18	3	2.138		32.76	
76.	3.11	3	2.091		33.07	
79.	3. 7	3	2.319		32.19	
86.	3. 3	7	2.160		32.57	
86.	3. 9	7	2.251		33.02	
94.	2.21	4	2.251		31.77	§
3667	8.2	3.8273	−0.0072	− 4.600	−0.542	30°1393
86.	2.24	5	6 53 2.609		30 7 23.35	
86.	2.25	5	2.700		22.41	
87.	3.19	7	2.641		23.70	
88.	3. 8	5	2.560		23.10	
3668	7.3	3.7446	−0.0064	− 4.611	−0.529	27°1296
75.	3.10	3	6 53 10.710		27 19 43.39	Z.C. δ 42''.8
76.	3.20	1	10.668		42.07	
80.	3.13	3	10.624		42.68	
80.	3.18	3	10.554		43.01	
3669	7.9	3.8206	−0.0072	− 4.613	−0.540	29°1429
75.	2.25	2	6 53 11.713		29 54 27.43	
76.	3.15	3	11.690		26.40	
79.	3. 6	3	11.971		26.95	
3670	7.5	3.8050	−0.0070	− 4.622	−0.538	29°1430
80.	2.27	3	6 53 17.798		29 23 20.02	
80	3.17	3	17.756		20.32	
84.	3.10	5	17.631		20.63	
84.	3.12	4	17.637		21.05	
3671	9.1	3.7183	−0.0061	− 4.622	−0.525	26°1423
86.	3. 4	7	6 53 17.899		26 24 24.07	
87.	2.17	7	17.844		23.32	
89.	3. 4	5	17.890		24.62	
89.	3. 5	5	17.948		25.61	
89.	3.15	7	17.941		23.54	
3672	9.4	3.8273	−0.0073	− 4.629	−0.541	30°1395
86.	3. 6	5	6 53 23.447		30 8 2.20	
93.	3. 9	1	23 230		0.53	-1^{s}
94.	2.13	3	22.977		5.68	

3673	$9^{m}.3$	$3^{s}.7625$	$-0^{s}.0066$	$-4''.636$	$-0''.532$	27°1299
93. 3. 8	6	$6^{h}53^{m}28^{s}.223$		$27^{\circ}57'13''.95$		
94. 2.22	6	27.611		14.92		
94. 2.24	4	28.071		14.34		
3674	9.0	3.7504	−0.0065	− 4.636	−0.530	27°1300
73. 2.28	3	6 53 28.239		27 32 8.87		
93. 3. 4	2	28.348		9.57		
3675	9.3	3.7635	−0.0066	− 4.637	−0.532	— —
93. 3.10	3	6 53 28.939		27 59 15.68		v. ft. †
3676	8.9	3.8076	−0.0071	− 4.638	−0.538	29°1431
79. 3. 8	3	6 53 29.508		29 28 53.40		
82. 3.16	3	29.483		53.25		
82. 3.18	3	29.542		54.14		
3677	8.8	3.7167	−0.0061	− 4.639	−0.525	26°1424
75. 3. 3	3	6 53 29.818		26 21 28.53		
76. 2.15	3	29.772		26.70		
76. 3.18	3	29.765		26.21		
3678	9.0	3.8055	−0.0071	− 4.646	−0.538	29°1432
79. 3. 6	2	6 53 34.646		29 24 43.30		
83. 2.13	3	34.763		42.97		
3679	8.2	3.7509	−0.0065	− 4.648	−0.530	27°1301
73. 2.28	1	6 53 36.389		27 33 9.42		
75. 3.10	3	36.341		10.69		
82. 3.17	2	36.432		10.56		
84. 2.28	4	36.507		8.11		
84. 3.14	4	36.342		9.74		
3680	9.1	3.7197	−0.0062	− 4.653	−0.526	26°1425
77. 2.26	3	6 53 39.840		26 28 4.55		− 1′
77. 3.10	3	39.710		5.00		− 1′
77. 3.14	3	39.715		3.71		
						Z.C. δ 26° 28′ 4″.4
3681	8.9	3.8099	−0.0072	− 4.655	−0.538	29°1433
83. 2.21	3	6 53 41.137		29 33 51.26		
85. 2.20	5	41.301		50.43		
3682	8.6	3.7180	−0.0062	− 4.655	−0.525	26°1426
74. 2.10	3	6 53 41.470		26 24 28.09		
85. 2.19	5	41.296		29.33		
3683	8.6	3.7275	−0.0063	− 4.669	−0.527	26°1427
74. 2.10	2	6 53 51.176		26 44 51.03		Z.C. δ 50″.2
79. 3. 1	3	50.833		49.83		
85. 3.21	5	50.867		49.70		
3684	8.7	3.8180	−0.0073	− 4.681	−0.539	29°1434
79. 3. 8	3	6 53 59.449		29 50 21.65		
82. 3.17	2	59.451		21.63		
90. 3.15	7	59.469		23.30		
3685	8.3	3.6991	−0.0060	− 4.682	−0.522	25°1540
73. 3. 8	3	6 54 0.407		25 44 28.52		
74. 3. 2	3	0.312		27.89		
76. 2.11	3	0.310		27.08		
77. 3. 5	3	0.421		26.33		
77. 3. 5	3	0.351		28.41		
77. 3.19	3	0.371		27.71		
3686	Not found on revision; not found on Oxford photograph 00.1.17. 1 int. wrong: see appendix 3690^{a}					
3687	$8^{m}.7$	$3^{s}.7279$	$-0^{s}.0064$	$-4''.704$	$-0''.527$	26°1431
79. 3. 1	3	$6^{h}54^{m}16^{s}.306$		$26^{\circ}46'12''.00$		
82. 3.16	3	16.055		11.61		
85. 2.27	3	16.139		11.42		
3688	9.4	3.7967	−0.0071	− 4.712	−0.536	29°1437
85. 3. 7	3	6 54 21.831		29 8 26.57		w. 4 − 1^{s}
90. 3. 6	7	21.575		26.60		
3689	7.2	3.6948	−0.0061	− 4.719	−0.522	25°1542
74. 1.20	3	6 54 25.923		25 36 2.39		
75. 3. 5	3	26.138		1.33		
76. 2.11	3	26.102		1.79		
3690	9.3	3.7233	−0.0064	− 4.721	−0.526	26°1433
76. 2.15	2	6 54 27.877		26 36 49.53		v. ft.
82. 3.18	3	28.048		48.51		
3691	8.7	3.8242	−0.0075	− 4.724	−0.540	30°1404
77. 2.28	3	6 54 29.633		30 3 38.63		
84. 3.12	5	29.621		38.32		
3692	7.2	3.6931	−0.0061	− 4.738	−0.521	25°1545
74. 3. 7	3	6 54 39.591		25 32 31.13		
75. 3. 5	3	39.761		30.83		
76. 3. 4	3	39.656		30.74		
3693	8.0	3.7064	−0.0062	− 4.739	−0.523	26°1435
80. 2.17	3	6 54 40.744		26 1 18.49		
82. 3. 3	3	40.744		18.96		
84. 3.15	4	40.812		19.23		
3694	9.3	3.7103	−0.0064	− 4.791	−0.524	26°1438
85. 3.14	5	6 55 17.072		26 10 23.03		†
3695	6.3	3.8079	−0.0074	− 4.814	−0.536	29°1441
79. 3. 6	3	6 55 33.691		29 32 37.54		†
79. 3. 8	3	33.773		37.20		Z.C. Ep. 80.7
80. 3.10	3	33.761		33.04		
84. 3.14	4	33.816		32.68		
3696	8.9	3.7301	−0.0066	− 4.815	−0.526	26°1440
79. 3. 1	3	6 55 33.869		26 52 37.81		
80. 2.17	2	33.948		35.64		
82. 3. 6	3	34.071		35.90		
82. 3.16	3	33.901		35.87		
3697	8.2	3.6920	−0.0062	− 4.815	−0.520	25°1551
74. 3. 7	2	6 55 34.024		25 31 28.10		
82. 3.17	2	34.178		28.55		B + 10″
85. 2.19	5	34.103		27.00		
3698	9.4	3.7048	−0.0064	− 4.816	−0.522	26°1441
86. 3. 6	5	6 55 34.965		25 58 59.48		
88. 3.15	5	35.072		58.75		
3699	9.4	3.7784	−0.0071	− 4.821	−0.532	28°1296
82. 3.18	3	6 55 38.758		28 32 57.23		
94. 2. 9	7	38.484		55.70		
94. 2.24	3	38.387		55.25		
94. 2.27	7	38.168		56.44		

3700	9$^{\mathrm{m}}$.0	3$^{\mathrm{s}}$.8175	−0$^{\mathrm{s}}$.0076	− 4″.832	−0″.538	29°1442
89.	3. 4	5	6$^{\mathrm{h}}$55$^{\mathrm{m}}$46$^{\mathrm{s}}$.198	29° 52′ 14″.56		
93.	2.14	7	46.025	16.02		
3701	8.3	3.6916	−0.0062	− 4.834	−0.520	25°1553
74.	3. 7	3	6 55 47.493	25 31 3.89		
82.	3.17	2	47.334	2.91		
3702	9.1	3.6781	−0.0061	− 4.836	−0.518	25°1554
84.	3.10	4	6 55 48.698	25 1 43.47		
93.	3.16	7	49.068	44.56		
94.	2. 5	7	48.656	43.43		
3703	9.4	3.7767	−0.0071	− 4.836	−0.532	28°1297
95.	2.13	7	6 55 48.886	28 30 2.26		
95.	3. 1	7	48.859	3.38		
3704	9.0	3.7870	−0.0072	− 4.837	−0.533	28°1298
79.	3. 7	3	6 55 49.518	28 50 48.87		
83.	2.21	3	49.541	48.66		
3705	8.9	3.6711	−0.0060	− 4.837	−0.518	24°1511
86.	3. 4	7	6 55 49.845	24 46 34.58		
87.	3.18	5	49.809	38.24		s.p. of 2
3706	8.0	3.7386	−0.0067	− 4.837	−0.527	27°1307
75.	3.10	3	6 55 50.062	27 11 4.28		
79.	3. 3	3	49.947	3.16		
79.	3. 3	2	50.167	3.57		
83.	2.13	3	50.218	2.55		
3707	9.4	3.7792	−0.0072	− 4.840	−0.532	28°1299
94.	2.20	6	6 55 51.552	28 35 10.98		†
3708	8.2	3.6848	−0.0062	− 4.841	−0.519	25°1556
84.	3.12	5	6 55 52.405	25 16 22.61		
92.	3.14	6	52.505	22.18		
93.	3. 8	7	52.429	22.90		
3709	8.9	3.6719	−0.0060	− 4.846	−0.518	24°1512
82.	3. 6	3	6 55 55.941	24 48 26.92		
85.	2.27	7	55.775	24.72		− 1′
3710	9.2	3.8187	−0.0077	− 4.847	−0.539	29°1443
79.	3. 8	1	6 55 56.532	29 55 2.26		
80.	3.10	3	56.457	0.43		
3711	9.0	3.7917	−0.0073	− 4.849	−0.534	29°1444
91.	3.16	7	6 55 57.989	29 0 48.71		
93.	3.20	2	58.077	47.81		
95.	1.23	7	57.878	47.92		+ 1$^{\mathrm{m}}$.
95.	1.30	2	57.994	48.59		
3712	9.0	3.7913	−0.0073	− 4.852	−0.534	— —
79.	3. 6	2	6 56 0.310	29 0 3.04		
95.	2. 6	7	0.380	5.88		
3713	8.1	3.7337	−0.0067	− 4.856	−0.526	27°1308
74.	2.10	3	6 56 3.048	27 0 59.95		
75.	3.10	3	2.934	59.60		
84.	3.14	3	2.819	59.57		
86.	3. 8	7	2.785	59.96		

3714	8$^{\mathrm{m}}$.5	3$^{\mathrm{s}}$.6937	−0$^{\mathrm{s}}$.0063	− 4″.871	−0″.520	25°1557
74.	1.20 ·	3	6$^{\mathrm{h}}$56$^{\mathrm{m}}$13$^{\mathrm{s}}$.647	25° 36′ 4″.05		
82.	3. 3	3	13.685	2.83		
85.	3.21	7	13.719	4.03		+ 5′
3715	8.5	3.6973	−0.0063	− 4.872	−0.521	25°1558
84.	2.28	7	6 56 14.642	25 43 41.25		
84.	3.15	4	14.559	43.10		
3716	9.3	3.7096	−0.0065	− 4.880	−0.521	26°1443
76.	2.15	3	6 56 20.143	26 10 24.03		
85.	3.14	2	20.431	23.59		
3717	9.2	3.7184	−0.0066	− 4.881	−0.524	26°1442
85.	3. 7	5	6 56 20.519	26 29 7.87		
93.	3.20	2	20.670	9.07		
3718	8.5	3.7196	−0.0066	− 4.896	−0.523	26°1446
83.	2.21	1	6 56 31.578	26 31 53.90		
85.	3. 4	7	31.369	52.59		
3719	9.0	3.7143	−0.0066	− 4.902	−0.523	26°1447
93.	3.10	7	6 56 35.432	26 20 49.91		
93.	3.11	7	35.662	48.21		
3720	9.4	3.6925	−0.0064	− 4.920	−0.520	25°1563
74.	1.20	3	6 56 48.286	25 34 31.80		†
3721	9.3	3.8107	−0.0077	− 4.922	−0.537	29°1448
82.	3.18	3	6 56 49.766	29 40 16.10		
94.	2.20	2	49.642	15.30		
3722	9.5	3.8107	−0.0077	− 4.930	−0.537	29°1449
94.	2.22	6	6 56 55.309	29 40 21.07		− 5′
94.	2.24	6	55.364	21.15		
3723	8.7	3.7700	−0.0073	− 4.941	−0.531	28°1305
79.	3. 7	3	6 57 3.443	28 18 12.15		d.n.p.
80.	3.10	3	3.425	7.68		d.n.p. − 1′
94.	2.28	7	3.301	10.22		d.n.p. Z.C. δ 10″.0
3724	9.3	3.6955	−0.0064	− 4.952	−0.520	25°1566
82.	3.16	3	6 57 11.012	25 41 20.78		
93.	3. 4	4	10.849	19.48		
3725	9.0	3.7604	−0.0072	− 4.956	−0.529	28°1306
85.	2.20	5	6 57 13.814	27 58 39.25		
88.	3.15	5	14.061	38.01		
3726	8.7	3.8174	−0.0078	− 4.958	−0.538	29°1451
79.	3. 8	2	6 57 15.555	29 54 22.97		
84.	3.12	3	15.511	23.14		
84.	3.15	6	15.357	20.54		
86.	3. 6	5	15.387	22.73		
3727	9.3	3.8164	−0.0079	− 4.981	−0.537	29°1452
82.	3. 6	1	6 57 31.888	29 52 53.27		* ex. ft.
86.	2.25	7	31.273	51.32		
3728	8.5	3.8109	−0.0078	− 4.989	−0.536	29°1454
82.	3.17	2	6 57 37.447	29 42 4.66		
84.	3.10	7	37.516	3.65		
84.	3.14	3	37.445	3.01		

3729	9^{m}5	3^{s}6758	−0^{s}0063	− 4″998	−0″517	25°1569
82.	3. 3	2	6^{h}57^{m}43^{s}677	24° 59′ 36″12		
83.	2.13	3	43.891	37.20		ex. ft.
3730	9.0	3.6735	−0.0064	− 5.004	−0.517	24°1521
74.	3. 7	3	6 57 47.817	24 54 50.77		†
3731	9.0	3.7622	−0.0073	− 5.014	−0.529	28°1307
74.	2.17	1	6 57 55.106	28 3 20.96		
79.	3. 7	3	55.123	21.78		n. p. of 2
82.	3.16	3	54.743	20.28		n. p. of 2
3732	8.9	3.7127	−0.0068	− 5.023	−0.522	26°1451
76.	2.15	3	6 58 1.686	26 19 36.30		c.d.m.
76.	3.18	2	1.635	36.57		Z.C. δ 36″7
79.	3. 1	3	1.749	36.11		
80.	3.19	2	1.677	35.50		
87.	3.18	5	1.596	39.11		
3733	8.9	3.7660	−0.0074	− 5.045	−0.530	28°1309
79.	3. 7	2	6 58 16.730	28 10 59.90		†
80.	3.17	3	16.756	58.04		
82.	3.18	2	16.761	59.23		
83.	2.21	3	16.778	60.07		
3734	7.8	3.7712	−0.0075	− 5.050	−0.530	28°1310
74.	3.18	2	6 58 20.134	28 22 41.72		
86.	3. 4	5	20.297	42.46		
3735	8.3	3.7034	−0.0067	− 5.053	−0.521	26°1453
77.	3.10	2	6 58 22.229	26 0 29.98		
77.	3.14	3	22.201	30.64		
80.	3.10	3	22.174	29.13		
3736	8.6	3.6946	−0.0066	− 5.056	−0.520	25°1570
73.	3. 8	3	6 58 24.880	25 41 23.90		
74.	1.20	3	24.740	23.59		
74.	3. 2	3	24.912	23.26		
78.	3.16	3	24.929	24.21		
3737	7.0	3.6767	−0.0065	− 5.067	−0.516	25°1571
74.	2.20	3	6 58 32.437	25 2 52.18		
74.	3. 7	3	32.435	51.93		
77.	3. 5	2	32.635	52.17		
3738	8.5	3.7715	−0.0076	− 5.098	−0.530	28°1312
73.	3.13	3	6 58 54.233	28 24 10.71		Z.C. δ 10″9
74.	3.18	1	54.172	10.49		
76.	3.11	3	54.316	12.10		
80.	2.28	3	54.253	10.71		
80.	3.18	3	54.235	10.37		
3739	9.1	3.7924	−0.0078	− 5.110	−0.532	29°1457
74.	2.27	3	6 59 2.747	29 6 41.38		
76.	3.15	3	2.552	41.13		
79.	3. 6	3	2.786	41.71		
3740	9.5	3.7139	−0.0069	− 5.130	−0.521	— —
80.	3.10	1	6 59 16.776	26 23 52.95		−1^{s}
82.	3.18	1	16.868	55.02		Z.C. δ 53″5
94.	2. 9	6	16.801	52.42		
3741	9^{m}4	3^{s}7595	−0^{s}0075	− 5″140	−0″528	28°1313
80.	3.13	3	6^{h}59^{m}24^{s}133	28° 0′ 9″40		Z.C. δ 9″1
81.	3. 1	3	24.248	7.64		
82.	3.13	3	24.443	9.25		
83.	2.21	2	23.932	10.28		
3742	6.9	3.7699	−0.0077	− 5.154	−0.529	28°1314
76.	3.11	1	6 59 34.445	28 22 1.33		
79.	3. 7	2	34.393	1.58		
3743	9.1	3.7994	−0.0080	− 5.156	−0.533	29°1458
80.	3.17	2	6 59 35.531	29 22 12.02		† Z.C. δ 12″0
3744	9.2	3.7936	−0.0079	− 5.158	−0.532	29°1459
76.	3.15	3	6 59 36.765	29 10 29.61		
77.	2.28	3	36.891	31.16		
79.	3. 8	3	36.904	30.23		
3745	9.5	3.7127	−0.0070	− 5.160	−0.521	26°1459
82.	3.15	2	6 59 38.183	26 22 10.76		
82.	3.17	2	38.384	13.21		
3746	9.5	3.7127	−0.0070	− 5.160	−0.521	26°1460
82.	3. 3	3	6 59 38.695	26 21 53.71		
82.	3.16	3	38.713	54.26		
3747	9.0	3.7776	−0.0078	− 5.167	−0.530	28°1316
74.	2.17	1	6 59 43.856	28 38 15.43		
77.	3. 8	3	43.709	14.52		
80.	2.28	3	43.671	14.61		
87.	3.10	4	43.869	14.98		
87.	3.11	5	43.567	13.36		
3748	9.1	3.6706	−0.0066	− 5.178	−0.515	24°1532
73.	3. 8	3	6 59 50.987	24 51 20.44		
74.	1.20	3	50.813	21.10		
74.	2.20	3	50.974	20.18		+ 1′
75.	3. 5	3	51.128	20.59		
3749	8.9	3.6921	−0.0068	− 5.196	−0.518	25°1579
74.	3. 2	3	7 0 4.229	25 38 34.75		
74.	3. 7	3	4.104	34.79		
75.	3. 5	3	4.178	33.82		
88.	3.21	7	4.296	34.39		
3750	9.1	3.7979	−0.0080	− 5.199	−0.533	29°1461
74.	2.27	3	7 0 5.984	29 20 12.97		
77.	3.16	2	5.924	15.72		
80.	3.17	2	5.890	12.49		
91.	3.12	7	5.918	12.08		
91.	3.16	7	5.958	13.78		
91.	3.21	7	6.250	13.46		
3751	9.3	3.7111	−0.0070	− 5.200	−0.520	26°1462
76.	2.15	3	7 0 6.797	26 19 21.17		Z.C. δ 22″0
76.	3.18	3	6.901	23.00		
80.	3.18	3	6.950	21.74		
3752	9.1	3.7554	−0.0076	− 5.200	−0.526	27°1319
73.	2.28	3	7 0 6.617	27 52 55.22		Z.C. δ 56″4
74.	3. 3	3	6.894	57.36		
75.	3.10	3	6.966	56.47		
77.	2. 2	3	7.015	56.77		
77.	3.17	3	6.892	57.12		
87.	3.12	7	7.093	55.68		
87.	3.19	5	6.953	56.54		
88.	3. 2	5	6.968	56.56		
88.	3. 8	4	6.927	55.66		

3753	$8^{m}.6$	$3^{s}.8188$	$-0^{s}.0083$	$-\ 5''.203$	$-0''.536$	$30^{\circ}1423$
87.	3.18	5	$7^{h}\ 0^{m}\ 9^{s}.199$	$30^{\circ}\ 2'\ 12''.01$		Z.C. $\delta\ 9''.5$
88.	3. 3	4	9.081	7.92		
89.	2.19	7	9.141	8.51		
3754	9.0	3.7701	−0.0077	− 5.231	−0.528	$28^{\circ}1319$
73.	3.13	3	7 0 28.972	28 24 4.09		
74.	3.18	2	29.048	5.11		
76.	3.11	1	29.329	5.40		*
3755	9.3	3.8122	−0.0084	− 5.263	−0.534	$29^{\circ}1465$
79.	3. 6	3	7 0 51.388	29 50 5.22		
79.	3. 8	3	51.359	4.92		
80.	3.19	3	51.301	5.56		
81.	3. 1	3	51.250	4.05		
93.	3.10	7	51.287	6.23		
93.	3.11	7	51.316	4.44		
3756	8.9	3.6789	−0.0069	− 5.264	−0.516	$25^{\circ}1584$
73.	3. 8	3	7 0 52.397	25 11 6.32		Z.C. $\delta\ 6''.1$
74.	2.20	3	52.415	5.84		− 1 int.
78.	2.15	3	52.409	6.10		
89.	3. 4	7	52.553	5.65		$+1^{m}.$ §
89.	3. 5	7	52.446	6.26		
89.	3.15	5	52.444	5.77		
90.	3. 6	7	52.437	6.12		
90.	3.17	7	52.407	6.59		− 30′
3757	9.1	3.8232	−0.0085	− 5.266	−0.536	$30^{\circ}1427$
87.	3.16	5	7 0 54.057	30 12 14.54		
88.	3.15	7	53.883	12.35		C − 20″
3758	9.1	3.6789	−0.0069	− 5.267	−0.516	$25^{\circ}1585$
74.	2.20	2	7 0 54.284	25 11 0.63		
74.	3. 2	2	54.164	2.19		
78.	2.15	2	54.169	1.23		
93.	3. 8	7	54.245	0.69		
93.	3. 9	4	54.563	0.34		
3759	9.3	3.6969	−0.0071	− 5.270	−0.518	$25^{\circ}1586$
78.	2.20	3	7 0 56.748	25 50 28.04		Z.C. $\delta\ 28''.3$
78.	3.16	3	56.466	29.39		
80.	2.28	3	56.532	29.02		
80.	3.10	3	56.701	26.66		
3760	8.8	3.7245	−0.0073	− 5.281	−0.521	$26^{\circ}1463$
74.	3.23	2	7 1 4.073	26 49 30.99		
75.	3. 3	3	4.158	32.39		
76.	2.15	2	4.120	30.93		
77.	3.10	3	4.208	30.07		
90.	3.15	7	4.159	31.28		
3761	8.8	3.7283	−0.0074	− 5.288	−0.522	$26^{\circ}1464$
88.	3. 1	1	7 1 8.970	26 57 47.95		v. ft.
89.	3.12	7	8.993	47.43		
3762	8.7	3.7915	−0.0082	− 5.294	−0.531	$29^{\circ}1466$
74.	2.27	3	7 1 13.703	29 8 55.89		
74.	3.26	3	13.725	56.19		
75.	2.25	3	13.883	55.53		
76.	3.15	2	13.715	56.36		

3763	$9^{m}.5$	$3^{s}.7513$	$-0^{s}.0077$	$-\ 5''.299$	$-0''.525$	$27^{\circ}1322$
73.	2.28	2	$7^{h}\ 1^{m}17^{s}.403$	$27^{\circ}\ 46'\ 22''.42$		†
74.	3. 3	3	17.313	22.84		Z.C. $\delta\ 22''.5$
75.	2. 4	3	17.536	21.27		
75.	3.10	3	17.530	22.50		
80.	3.13	3	17.250	23.27		
3764	9.4	3 7512	−0.0077	− 5.304	−0.525	— —
75.	2. 4	2	7 1 20.696	27 46 11.50		†
3765	9.2	3.7268	−0.0074	− 5.307	−0.522	$26^{\circ}1466$
77.	3.14	3	7 1 23.100	26 55 7.33		Z.C. $\delta\ 7''.2$
80.	3.18	3	22.969	7.51		
82.	3.13	3	23.031	6.64		
3766	9.3	3.7523	−0.0077	− 5.308	−0.525	— —
81.	3. 8	3	7 1 23.843	27 48 35.30		† Z.C. $\delta\ 35''.3$
3767	8.4	3.7649	−0.0079	− 5.312	−0.527	$28^{\circ}1320$
73.	3 13	3	7 1 26.424	28 14 55.28		Z.C. $\delta\ 55''.5$
79.	3. 7	3	26.484	55.86		
80.	3.19	3	26.344	55.67		
80.	3.24	3	26.514	55.03		
3768	9.5	3.6924	−0.0071	− 5.321	−0.517	— —
74.	3. 7	3	7 1 33.066	25 41 39.28		†
3769	8.7	3.6859	−0.0070	− 5.330	−0.516	$25^{\circ}1590$
74.	2.20	1	7 1 39.426	25 27 31.52		
75.	3. 5	3	39.338	30.60		
76.	3. 4	3	39.360	30.51		
3770	9.1	3.6731	−0.0069	− 5.334	−0.514	$25^{\circ}1591$
78.	2.20	2	7 1 42.301	24 59 43.41		Z.C. $\delta\ 43''.6$
78.	3.16	3	42.114	42.74		Z.C. Ep. 79.6
80.	3.17	2	41.997	44.03		
80.	3.25	3	42.110	44.60		
81.	3. 1	3	42.069	43.41		
3771	9.2	3.7703	−0.0080	− 5.338	−0.528	$28^{\circ}1321$
74.	2.17	3	7 1 44.913	28 26 42.98		
74.	3.18	2	44.629	43.23		
77.	3. 8	3	44.614	41.49		
77.	3. 8	2	44.804	42.79		
87.	3.10	5	44.702	42.99		
87.	3.11	5	44.829	42.11		
3772	9.3	3.6947	−0.0071	− 5.344	−0.517	$25^{\circ}1592$
80.	3.13	3	7 1 48.927	25 46 48.57		Z.C. $\delta\ 48''.6$
81.	3. 8	3	48.924	48.79		
81.	3.19	3	49.028	47.99		
82.	3.15	3	49.001	48.91		
3773	9.1	3.7251	−0.0074	− 5.345	−0.521	$26^{\circ}1469$
75.	3. 3	3	7 1 49.531	26 51 56.76		
76.	3.18	3	49.614	55.55		
3774	7.3	3.6989	−0.0072	− 5.352	−0.518	$25^{\circ}1594$
73.	3. 8	3	7 1 54.915	25 55 55.11		
77.	3. 5	3	54.927	53.29		
3775	7.9	3.7209	−0.0074	− 5.353	−0.521	$26^{\circ}1470$
74.	3.25	3	7 1 55.375	26 43 18.90		
77.	3.10	3	55.422	17.92		
77.	3.14	3	55.375	19.11		

3776	$7^{\rm m}.9$	$3^{\rm s}.6988$	$-0^{\rm s}.0072$	$-5''.363$	$-0''.518$	25°1595
75. 3. 5	2	$7^{\rm h}\,2^{\rm m}\,2^{\rm s}.272$	25° 55′ 57″.60			
76. 3. 4	3	2.722	58.32			
78. 2.15	3	2.528	58.42			
78. 3.16	1	2.621	58.73			
3777	8.7	3.6961	−0.0072	−5.369	−0.517	25°1596
87. 3.18	5	7 2 6.902	25 50 37.28			Z.C. δ 34″.4
88. 3. 2	5	6.901	33.08			
88. 3. 8	5	6.749	32.91			
3778	8.8	3.8221	−0.0087	−5.372	−0.535	30°1435
87. 3.12	5	7 2 9.486	30 12 19.79			
87. 3.19	5	9.167	20.14			
87. 3.23	6	9.367	20.61			
88. 3. 3	5	9.612	17.78			
3779	9.0	3.7740	−0.0081	−5.386	−0.528	28°1326
73. 2.27	2	7 2 19.228	28 35 8.04			
73. 3.13	3	19.174	7.81			
74. 2.17	3	19.149	9.15			
3780	8.8	3.7359	−0.0077	−5.386	−0.523	27°1323
73. 2.28	2	7 2 19.219	27 15 47.63			Z.C. δ 47″.4
74. 3. 3	3	19.267	47.72			
75. 3.10	3	19.317	48.39			−1 int.
76. 3.20	2	19.265	46.35			
77. 2. 2	3	19.240	46.66			
77. 2. 2	3	19.180	46.91			
77. 3.17	3	19.177	47.65			
77. 3.17	2	19.197	47.52			
3781	8.5	3.7116	−0.0074	−5.390	−0.519	26°1471
74. 3.23	3	7 2 22.034	26 24 17.10			
74. 3.25	3	21.958	16.88			
76. 3.18	3	21.892	17.50			
3782	9.0	3.8169	−0.0088	−5.438	−0.533	30°1437
74. 2.27	3	7 2 56.047	30 3 12.22			Z.C. δ 12″.4
74. 3.26	3	55.952	11.51			
75. 2.25	3	55.867	11.47			ft.
76. 2.29	3	55.821	12.62			
76. 3.15	3	55.669	12.89			
77. 2.28	3	55.788	12.37			
77. 2.28	2	55.945	12.89			
77. 3.16	3	55.771	13.29			
3783	8.8	3.6790	−0.0071	−5.446	−0.514	25°1597
81. 3.19	3	7 3 1.695	25 14 43.83			
87. 3.16	5	1.970	45.90			
88. 3. 1	3	1.918	45.90			
90. 3.15	5	1.659	44.26			
3784	9.3	3.7145	−0.0075	−5.461	−0.519	26°1477
80. 3.17	3	7 3 12.379	26 31 46.80			† Z.C. δ 46″.8
3785	9.0	3.8121	−0.0088	−5.462	−0.533	29°1470
74. 2.27	3	7 3 13.222	29 54 16.11			
75. 2.25	3	13.008	15.41			
89. 3. 4	5	13.074	13.88			
89. 3. 5	7	13.198	15.39			
89. 3.15	5	12.935	15.60			
3786	9.3	3.7175	−0.0076	−5.475	−0.519	26°1478
74. 3.23	3	7 3 22.119	26 38 27.38			
75. 3. 3	3	22.137	27.93			

3787	$8^{\rm m}.5$	$3^{\rm s}.6864$	$-0^{\rm s}.0072$	$-5''.477$	$-0''.515$	25°1598
73. 3. 8	3	$7^{\rm h}\,3^{\rm m}\,23^{\rm s}.554$	25° 31′ 37″.18			
74. 3. 2	3	23.485	37.97			
76. 3. 4	3	23.613	36.45			
77. 3.19	3	23.541	37.34			
3788	8.5	3.6682	−0.0070	−5.496	−0.512	24°1549
74. 2 20	3	7 3 37.442	24 51 57.44			
74. 3. 2	1	37.330	58.44			
75. 3. 5	3	37.503	57.33			
78. 2.15	3	37.574	57.32			
87. 3.12	4	37.608	56.64			
87. 3.18	4	37.640	61.67			
88. 3.21	5	37.567	58.30			
3789	5.9	3.7291	−0.0078	−5.497	−0.520	27°1327
73. 2.28	3	7 3 37.711	27 3 35.06			
74. 3. 3	3	37.813	35.57			
75. 2. 4	3	37.954	34.30			
3790	9.5	3.7148	−0.0076	−5.500	−0.518	26°1479
80. 3.10	3	7 3 40.118	26 33 12.84			Z.C. δ 14″.3
80. 3.13	3	39.926	15.52			
80. 3.18	2	39.820	14.54			ex. ft. bad
3791	9.4	3.6783	−0.0072	−5.503	−0.513	— —
81. 3.19	3	7 3 42.633	25 14 18.77			† Z.C. δ 18″.8
3792	7.0	3.7162	−0.0076	−5.508	−0.519	26°1481
74. 3.23	1	7 3 46.087	26 36 30.45			Z.C. α 46ˢ.25
74. 3.25	3	46.328	31.46			
75. 3. 3	3	46.262	32.26			
76. 2.15	3	46.296	31.13			
77. 3.10	3	46.219	31.28			
77. 3.10	3	46.309	31.52			
3793	9.1	3.7670	−0.0083	−5.516	−0.526	28°1331
74. 3.18	3	7 3 51.401	28 23 36.19			
87. 3.10	7	51.503	36.63			
87. 3.11	5	51.399	36.22			
89. 2.19	7	51.597	36.86			
3794	9.0	3.7761	−0.0084	−5.528	−0.527	28°1332
73. 2.27	3	7 4 0.422	28 42 32.31			
73. 3.13	3	0.367	31.27			
74. 2.17	3	0.370	31.52			
76. 3.11	3	0.328	33.04			
77. 3. 8	3	0.385	32.20			
79. 3. 7	3	0.377	33.32			
3795	9.4	3.6709	−0.0071	−5.531	−0.512	25°1602
88. 3.15	5	7 4 2.330	24 58 40.08			
89. 3.12	5	2.327	41.36			v. ft.
3796	8.9	3.7223	−0.0077	−5.531	−0.519	26°1482
76. 3.18	3	7 4 2.441	26 49 42.73			Z.C. δ 41″.8
77. 3.14	3	2.476	40.86			
78. 3.12	3	2.544	42.51			
80. 3.10	3	2.493	41.09			
80. 3.13	2	2.481	42.48			
80. 3.17	2	2.442	41.17			
80. 3.25	3	2.514	41.89			
80. 3.25	2	2.414	41.55			

3797	10^{m}.0	3^{s}.6681	−0^{s}.0070	− 5″.537	−0″.511	24°1552
	74. 2.20	2	7^{h} 4^{m} 6^{s}.410	24° 52′ 42″.73		†
3798	9.0	3.6806	−0.0073	− 5.547	−0.513	25°1603
	87. 3.19	5	7 4 14.086	25 20 12.12		
	88. 3. 2	5	13.961	11.95		
	88. 3. 8	3	13.901	11.35		
	90. 3. 6	7	14.021	12.35		
3799	9.1	3.8003	−0.0088	− 5.556	−0.530	29°1474
	74. 2.27	3	7 4 20.527	29 32 29.72		
	75. 3.15	3	20.467	30.71		
	76. 2.29	3	20.411	29.52		
	76. 3.15	2	20.279	30.31		
3800	9.0	3.7824	−0.0086	− 5.557	−0.528	28°1333
	73. 2.27	3	7 4 20.761	28 56 10.40		
	92. 3.12	2	20.769	7.83		
	92. 3.14	7	20.830	10.49		
3801	9.1	3.7450	−0.0080	− 5.564	−0.522	27°1332
	73. 2.28	3	7 4 25.694	27 38 27.06		
	74. 3. 3	3	25.878	27.28		
	75. 3.10	3	26.132	27.34		
3802	9.2	3.7293	−0.0079	− 5.575	−0.520	27°1333
	91. 3.16	7	7 4 33.647	27 5 39.94		
	91. 3.21	7	33.863	40.08		
3803	9.3	3.7646	−0.0084	− 5.576	−0.525	28°1335
	74. 2.17	3	7 4 34.401	28 19 48.84		†
3804	8.8	3.7671	−0.0084	− 5.577	−0.525	28°1336
	74. 3.18	3	7 4 34.726	28 24 60.40		
	77. 3. 8	3	34.932	59.94		
	79. 3. 7	3	34.804	60.50		
3805	8.7	3.6994	−0.0076	− 5.581	−0.515	26°1485
	90. 3.17	7	7 4 38.060	26 1 42.41		
	93. 3.11	4	38.205	42.03		
3806	9.0	3.6672	−0.0072	− 5.582	−0.511	24°1554
	73. 3. 8	3	7 4 38.651	24 51 31.83		
	74. 3. 2	2	38.682	30.99		
3807	9.0	3.7500	−0.0082	− 5.585	−0.522	27°1334
	74. 3. 3	2	7 4 40.511	27 49 42.08		
	76. 3.20	2	40.705	41.48		
	77. 2. 2	3	40.629	41.49		
	77. 2. 2	2	40 679	41.41		
3808	7.8	3.7199	−0.0078	− 5.593	−0.518	26°1487
	75. 3. 3	2	7 4 46.923	26 46 15.27		
	76. 2.15	2	47.076	13.82		
	78. 3.12	1	46.808	16.45		
3809	9.1	3.7349	−0.0080	− 5.594	−0.520	27°1336
	75. 2. 4	3	7 4 47.237	27 18 4.66		
	77. 3.17	3	47.099	4.78		
3810	8.9	3.7753	−0.0085	− 5.596	−0.526	28°1337
	73. 3.13	3	7 4 48.931	28 42 18.67		
	76. 3.11	3	48.878	19.11		

3811	9^{m}.4	3^{s}.7227	−0^{s}.0079	− 5″.597	−0″.519	26°1486
	80. 3.18	3	7^{h} 4^{m}49^{s}.167	26° 52′ 15″.06		Z.C. δ 14″.7
	80. 3.19	3	49.117	14.25		
3812	9.0	3.6911	−0.0075	− 5.603	−0.514	25°1606
	93. 3. 4	4	7 4 53.497	25 44 6.61		
	93. 3. 8	7	53.277	9.28		
3813	9.1	3.6658	−0.0072	− 5.610	−0.510	24°1559
	93. 3.10	4	7 4 58.373	24 49 11.60		
	93. 3.16	4	58.915	11.80		p. of 2
	94. 2. 8	6	58.403	11.00		
3814	8.5	3.6914	−0 0075	− 5.613	−0.514	25°1608
	74 3. 7	3	7 5 1.041	25 45 8.76		
	75. 3. 5	3	1.215	8.28		
	77. 3. 5	3	1.147	7.75		
3815	6.8	3.7385	−0.0081	− 5.615	−0.521	27°1337
	75. 2. 4	3	7 5 2.329	27 26 3.65		
	75. 3.10	3	2.278	0.78		
	76. 3.20	3	2.323	3.52		
	77. 3 17	3	2.439	3.06		
3816	8.8	3.7985	−0.0089	− 5.617	−0.529	29°1479
	74. 2.27	3	7 5 3.821	29 30 16.55		
	75. 2.25	3	3.714	15.67		
	76. 3.15	2	3.649	15.94		
	77. 2.28	3	3.645	15.96		
3817	9.4	3.7255	−0.0079	− 5.623	−0.519	27°1338
	73. 2.28	2	7 5 7.814	26 58 39.87		Z.C. δ 40″.6
	80. 2.28	3	7.708	41.53		
	80. 3.10	3	7.808	39.47		
	82. 3.15	2	7.607	41.35		
3818	7.2	3.6969	−0.0076	− 5.623	−0.515	25°1609
	74. 2.20	2	7 5 8.103	25 57 18.64		
	75. 3. 5	1	7.713	17.34		*
	77. 3.19	3	8.098	19.00		
3819	9.0	3.6681	−0.0073	− 5.637	−0.511	24°1562
	89. 3. 4	7	7 5 17.914	24 54 34.97		
	89. 3. 5	6	17.932	33.25		
	89. 3.15	7	17.749	34.16		
3820	Not found on revision: not found on Oxford photograph 94.1.23. 1′ wrong: see appendix 3820^{a}					
3821	8.2	3.7541	−0.0084	− 5.637	−0.523	28°1340
	87. 3.16	5	7 5 18.455	27 59 23.82		
	90. 3.15	7	18.114	23.09		
	94. 2. 9	7	17.992	22.94		
	94. 2.13	7	18.103	21.70		
3822	8.7	3.6667	−0.0073	− 5.659	−0.510	24°1567
	87. 3.11	6	7 5 33.923	24 51 52.13		
	93. 3.11	4	33.929	51.67		
3823	9.5	3.8141	−0.0092	− 5.675	−0.530	30°1452
	75. 2.25	2	7 5 44.829	30 2 58.68		Z.C. δ 58″.5
	75. 3.15	3	44.728	59.13		
	81. 3. 1	3	44.924	57.80		

3824	$9^{\rm m}5$	$3^{\rm s}6878$	$-0^{\rm s}0076$	$-5''685$	$-0''513$	— —
80.	3.18	1	$7^{\rm h}\,5^{\rm m}52^{\rm s}029$	$25^\circ 38' 44''12$		
81.	3. 8	3	52.223	44.18		
3825	8.8	3.7589	−0.0086	−5.692	−0.523	28°1341
74.	2.17	3	7 5 57.129	28 10 34.31		
80.	2.28	3	57.354	34.47		
3826	7.8	3.7742	−0.0087	−5.695	−0.525	28°1342
73.	3.13	3	7 5 59.420	28 42 11.89		
76.	3.11	3	59.412	12.47		
77.	3. 8	3	59.495	11.48		
79.	3. 7	3	59.364	12.30		
3827	9.4	3.6754	−0.0075	−5.698	−0.512	25°1612
73.	3. 8	3	7 6 1.408	25 12 3.71		
78.	2.15	3	1.386	4.18		
78.	2.20	2	1.690	5.41		
78.	3.16	3	1.551	4.90		
3828	8.8	3.7759	−0.0087	−5.706	−0.525	28°1343
74.	3.18	3	7 6 7.061	28 46 4.46		Z.C. δ 3″8
79.	3. 7	1	7.055	3.33		
80.	3.13	3	7.032	3.88		
80.	3.24	3	7.230	3.49		
80.	3.25	3	7.063	3.70		
3829	9.3	3.7971	−0.0090	−5.709	−0.528	29°1481
75.	3.15	3	7 6 9.154	29 29 32.61		
76.	2.29	3	9.281	31.61		−5′
77.	3.16	3	9.610	33.72		
80.	3.17	2	9.198	31.04		
88.	3. 2	5	9.299	31.22		
88.	3. 8	5	9.194	30.16		
3830	9.0	3.7162	−0.0080	−5.716	−0.517	26°1492
74.	3.23	3	7 6 14.329	26 40 46.87		
74.	3.25	3	14.560	46.18		
76.	2.15	3	14.485	46.37		
78.	3.12	2	14.713	46.67		
3831	8.6	3.6759	−0.0075	−5.721	−0.511	25°1613
73.	3. 8	2	7 6 18.167	25 13 26.53		
77.	3.19	3	18.015	26.57		
78.	2.15	3	17.990	25.92		
81.	3.19	3	17.872	26.04		
3832	9.5	3.6874	−0.0076	−5.731	−0.512	25°1614
80.	3.19	3	7 6 25.225	25 38 46.57		Z.C. δ 46″8
81.	3. 8	3	25.370	46.85		
82.	3.13	3	25.242	46.94		
3833	9.0	3.7007	−0.0079	−5.763	−0.514	26°1494
75.	3. 3	3	7 6 48.159	26 8 14.37		
76.	3.18	3	47.932	14.37		
77.	3.10	3	48.260	14.63		
3834	8.8	3.7720	−0.0088	−5.764	−0.524	28°1346
73.	2.27	3	7 6 48.697	28 39 15.12		
74.	2.17	3	48.842	15.59		
76.	3.11	3	48.804	15.08		

3835	$7^{\rm m}4$	$3^{\rm s}6673$	$-0^{\rm s}0075$	$-5''764$	$-0''510$	24°1576
74.	3. 7	3	$7^{\rm h}\,6^{\rm m}48^{\rm s}824$	$24^\circ 55' 23''40$		
76.	3. 4	3	49.015	21.90		
77.	3. 5	3	48.929	22.02		
77.	3. 5	2	48.839	22.26		
3836	9.4	3.6847	−0.0077	−5.778	−0.512	25°1616
74.	2.20	3	7 6 58.795	25 34 0.55		
74.	3. 2	3	58.572	1.44		
90.	3. 6	7	58.811	0.06		
3837	9.1	3.8073	−0.0093	−5.780	−0.529	29°1484
74.	2.27	3	7 6 59.904	29 51 43.33		
76.	2.29	3	59.949	43.57		
77.	2.28	3	60.106	43.04		
3838	8.8	3.7207	−0.0082	−5.782	−0.517	26°1495
74.	3.23	3	7 7 1.997	26 51 39.37		
76.	3.18	3	1.978	39.05		
77.	3.10	3	1.956	39.45		
3839	8.9	3.7286	−0.0083	−5.783	−0.517	27°1342
73.	2.28	3	7 7 2.559	27 8 37.51		
74.	3. 3	3	2.611	39.01		
75.	2. 4	3	2.492	38.12		
77.	2. 2	3	2.489	37.47		
77.	2. 2	3	2.529	38.09		
3840	6.5	3.6719	−0.0076	−5.784	−0.510	25°1618
75.	3. 5	3	7 7 2.962	25 5 60.31		+1′
92.	3.12	1	3.180	60.24		
92.	3.19	7	3.179	58.03		†
3841	8.8	3.8131	−0.0094	−5.790	−0.530	30°1464
87.	3.12	7	7 7 7.423	30 3 43.98		−1′
87.	3.16	5	7.472	43.34		Z.C. δ 42″8
88.	3.15	7	7.300	41.07		
3842	9.5	3.6765	−0.0077	−5.808	−0.511	25°1619
78.	2.15	3	7 7 20.501	25 16 39.00		
78.	3.16	3	20.423	38.91		
3843	8.7	3.7024	−0.0080	−5.810	−0.514	26°1497
74.	3.25	3	7 7 21.622	26 13 4.23		Z.C. δ 3″8
77.	3.14	3	21.581	4.13		d.s.f.
77.	3.14	3	21.701	4.71		
80.	2.28	3	21.504	4.40		
80.	3.10	3	21.631	1.43		
3844	8.1	3.6989	−0.0079	−5.817	−0.514	26°1498
74.	3.23	3	7 7 26.597	26 5 36.65		Z.C. δ 36″1
76.	2.15	3	26.702	36.11		
80.	3.24	3	26.623	35.46		
3845	9.1	3.6827	−0.0078	−5.820	−0.512	25°1620
75.	3. 5	1	7 7 28.776	25 30 26.03		
77.	3.19	2	28.563	25.43		
81.	3. 8	3	28.738	26.46		
3846	9.3	3.6661	−0.0076	−5.825	−0.509	24°1582
74.	2.20	3	7 7 32.710	24 53 53.54		
80.	3.25	3	32.602	53.71		

3847	9^{m}.3	3^{s}.6764	−0^{s}.0077	− 5″.828	−0″.511	25°1621
78.	2.20	3	7^{h} 7^{m} 34^{s}.425	25° 16′ 54″.97		
80.	3.13	3	34.542	55.62		
80.	3.19	3	34.514	55.73		
81.	3.19	3	34.613	55.08		
3848	9.0	3.6828	−0.0078	− 5.833	−0.511	25°1622
74.	3. 7	2	7 7 38.169	25 30 56.87		Z.C. δ 57″.3
77.	3.19	2	38.122	57.53		
78.	3.16	2	38.550	57.08		
81.	3. 8	1	38.256	57.53		
3849	8.8	3.7845	−0.0091	− 5.848	−0.525	29°1487
74.	2.27	2	7 7 49.076	29 6 53.68		
75.	2.25	1	48.840	52.18		
76.	2.29	2	48.909	53.35		
88.	3.21	5	49.069	54.95		
3850	8.6	3.7430	−0.0086	− 5.863	−0.520	27°1346
74.	2.17	3	7 7 59.539	27 41 5.64		
74.	3. 3	3	59.554	6.35		
76.	3.20	2	59.528	6.81		
77.	3.17	3	59.426	5.53		
3851	9.3	3.7058	−0.0081	− 5.871	−0.514	26°1501
75.	3: 3	3	7 8 5.560	26 21 42.83		Z.C. δ 41″.1
80.	3.10	3	5.579	39.32		
3852	8.0	3.7946	−0.0093	− 5.875	−0.527	29°1489
74.	3.26	3	7 8 8.425	29 28 14.82		
75.	3.15	3	8.389	15.24		
77.	3.16	3	8.320	16.70		
3853	6.8	3.7552	−0.0087	− 5.875	−0.521	28°1350
73.	2.27	3	7 8 8.782	28 6 44.65		
73.	3.13	3	8.681	45.37		
74.	3.18	3	8.612	45.67		
76.	3.11	3	8.531	46.04		
77.	3. 8	3	8.732	44.64		
77.	3. 8	3	8.592	45.34		
3854	9.2	3.7732	−0.0090	− 5.884	−0.524	28°1351
74.	3.18	2	7 8 15.083	28 44 10.06		
89.	3. 4	7	15.157	8.79		
89.	3. 5	7	15.037	10.18		
89.	3.15	7	15.083	10.26		
3855	8.6	3.6649	−0.0077	− 5.903	−0.508	24°1586
87.	3.11	5	7 8 28.621	24 53 6.22		
87.	3.18	5	28.623	5.10		
88.	3. 2	7	28.606	7.05		
88.	3. 8	5	28.584	6.78		
3856	9.3	3.7000	−0.0081	− 5.916	−0.513	26°1505
76.	2.15	3	7 8 38.015	26 10 12.13		
78.	3.12	3	38.155	13.13		
80.	3.17	3	37.883	11.94		
3857	9.0	3.7938	−0.0094	− 5.917	−0.526	29°1491
75.	3.15	3	7 8 38.602	29 27 32.25		Z.C. δ 30″.9
80.	2.28	3	38.628	31.07		
80.	3.13	3	38.580	30.13		
80.	3.18	3	38.708	30.01		
3858	8^{m}.9	3^{s}.8132	−0^{s}.0096	− 5″.917	−0″.529	30°1468
74.	3.26	3	7^{h} 8^{m} 38^{s}.614	30° 6′ 52″.35		
77.	2.28	3	38.766	52.15		
77.	2.28	3	38.706	52.98		
77.	3.16	3	38.584	54.43		
3859	8.9	3.6707	−0.0078	− 5.937	−0.509	25°1625
74.	2.20	3	7 8 52.566	25 6 32.49		
74.	3. 2	3	52.570	31.25		
76.	3. 4	3	52.659	30.87		
77.	3. 5	2	52.604	30.94		
77.	3.19	3	52.636	32.27		
3860	9.3	3.8026	−0.0096	− 5.955	−0.527	29°1493
74.	2.27	3	7 9 5.957	29 46 21.73		
75.	2.25	3	5.874	20.75		
76.	2.29	2	5.982	21.93		
3861	7.5	3.6608	−0.0077	− 5.963	−0.507	24°1592
90.	3.17	7	7 9 11.600	24 45 17.93		
3862	9.2	3.7254	−0.0086	− 5.966	−0.516	27°1350
73.	2.28	3	7 9 13.319	27 6 2.81		
74.	3. 3	3	13.484	3.78		
75.	2. 4	3	13.514	3.21		
76.	3.20	3	13.428	3.00		+ 1 int.
77.	2. 2	3	13.409	3.67		
77.	3.17	3	13.444	3.02		
3863	9.5	3.7378	−0.0087	− 5.968	−0.518	27°1351
82.	3.18	3	7 9 14.843	27 32 19.35		†
3864	9.5	3.7438	−0.0088	− 5.972	−0.519	— —
80.	3.13	2	7 9 18.070	27 45 19.31		† Z.C. δ 19″.3
3865	6.3	3.7201	−0.0085	− 5.973	−0.515	26°1508
74.	3.23	3	7 9 18.561	26 54 44.69		
75.	3. 3	3	18.674	44.83		
76.	3.18	3	18.471	44.88		
3866	7.4	3.7107	−0.0084	− 5.993	−0.514	26°1510
76.	2.15	2	7 9 32.922	26 34 59.00		
77.	3.14	3	32.874	58.07		
80.	3.10	2	32.919	57.61		B altered 13″.4
80.	3.17	3	32.673	58.29		[to 6″.6
88.	3. 3	7	32.819	58.79		
3867	9.5	3.7698	−0.0092	− 6.004	−0.522	28°1353
94.	2. 8	7	7 9 41.286	28 40 14.55		
94.	2. 9	7	41.224	14.79		
3868	9.5	3.7406	−0.0089	− 6.026	−0.518	— —
80.	3.18	2	7 9 56.545	27 39 51.12		†Z.C. δ 51″.1
3869	9.5	3.6896	−0.0081	− 6.028	−0.510	25°1627
73.	3. 8	3	7 9 57.829	25 49 55.75		
75.	3. 5	3	57.843	54.92		
78.	2.15	3	57.981	55.29		
3870	8.7	3.7706	−0.0093	− 6.041	−0.522	28°1356
73.	2.27	2	7 10 7.426	28 42 39.65		v. ft.
73.	3.13	3	7.346	41.20		
74.	3.18	3	7.309	39.43		
79.	3. 7	3	7.415	39.54		

3871 9^{m}.0 3^{s}.7958 −0^{s}.0096 − 6″.043 −0″.525 29°1497
75. 3.15 3 7^{h}10^{m} 8^{s}.934 29° 34′ 38″.84
77. 3.16 3 9.151 40.34
80. 2.28 3 9.106 38.01
82. 2.13 3 9.204 38.75

3872 8.6 3.6599 −0.0078 − 6.045 −0.506 24°1599
87. 3.11 5 7 10 10.215 24 44 55.34
88. 3.15 7 10.439 55.55
90. 3.15 7 10.199 56.04

3873 7.9 3.7093 −0.0084 − 6.047 −0.513 26°1512
75. 3. 3 3 7 10 12.015 26 33 15.12
80. 3.17 1 11.639 14.02
80. 3.25 3 11.839 15.39

3874 7.5 3.7320 −0.0087 − 6.049 −0.516 27°1354
73. 2.28 3 7 10 13.504 27 21 47.42
74. 3. 3 3 13.622 48.56
75. 2. 4 2 13.515 47.40
76. 3.20 3 13.766 47.72

3875 9.4 3.7829 −0.0095 − 6.058 −0.523 29°1498
76. 2.29 2 7 10 20.187 29 8 36.61 †

3876 9.0 3.7432 −0.0089 − 6.067 −0.518 27°1355
87. 3.12 7 7 10 26.526 27 45 58.21
88. 3.21 7 26.563 60.21

3877 8.6 3.7738 −0.0094 − 6.070 −0.522 28°1357
76. 3.11 3 7 10 28.669 28 50 13.50 Z.C. δ 13″.2
79. 3. 7 3 28.464 13.70
81. 3.19 3 28.559 12.49

3878 9.3 3.7820 −0.0095 − 6.078 −0.523 29°1500
75. 2.25 3 7 10 34.223 29 7 22.07
93. 3.16 7 34.571 22.83

3879 8.9 3.7163 −0.0086 − 6.080 −0.514 26°1516
82. 2.13 3 7 10 35.673 26 49 9.27
82. 3. 3 3 35.681 8.24
82. 3.15 3 35.695 8.87
82. 3.16 3 35.626 8.55
82. 3.17 3 35.749 9.58

3880 8.1 3.7348 −0.0089 − 6.088 −0.516 27°1356
74. 3. 3 2 7 10 41.441 27 28 51.19
82. 3.18 3 41.406 49.05
84. 3. 5 4 41.481 47.98
84. 3.14 4 41.370 48.98

3881 9.0 3.7855 −0.0096 − 6.100 −0.523 29°1501
93. 3. 4 7 7 10 50.154 29 14 41.64
93. 3. 8 7 50.060 44.62

3882 9.1 3.6803 −0.0082 − 6.102 −0.508 25°1633
87. 3.18 5 7 10 51.896 25 31 21.70
89. 3. 4 7 51.792 19.37
89. 3.15 7 51.756 20.48

3883 9.0 3.7555 −0.0092 − 6.105 −0.519 28°1361
74. 3.18 3 7 10 53.732 28 12 54.49
82. 3.17 3 53.958 53.56
85. 3. 4 5 53.988 53.52

3884 9^{m}.4 3^{s}.6609 −0^{s}.0079 − 6″.108 −0″.505 24°1604
90. 3. 6 7 7^{h}10^{m}55^{s}.503 24° 48′ 27″.77
93. 3.11 6 55.626 27.88 w. 1 + 1^{s}

3885 9.0 3.6900 −0.0084 − 6.108 −0.510 25°1634
74. 2.20 3 7 10 55.973 25 52 46.76
75. 3. 5 3 55.997 43.64 not good
76. 3. 4 3 56.178 45.65
78. 2.15 3 55.915 45.77

3886 9.0 3.7819 −0.0095 − 6.109 −0.523 29°1502
80. 3.10 3 7 10 56.248 29 7 43.61
82. 3.15 2 56.176 46.75
85. 3. 7 5 56.290 45.97
85. 3.12 5 56.213 45.93
85. 3.14 5 56.076 48.12

3887 8.9 3.7876 −0.0097 − 6.112 −0.523 29°1503
74. 3.26 3 7 10 58.797 29 19 29.63
82. 3.13 3 58.852 29.11
82. 3.13 1 59.022 28.88
84. 3.24 4 58.853 28.94

3888 9.3 3.7350 −0.0089 − 6.116 −0.516 27°1357
74. 3. 3 1 7 11 1.409 27 29 52.42
86. 2.25 5 1.225 52.43

3889 8.6 3.6883 −0.0083 − 6.119 −0.509 25°1636
73. 3. 8 3 7 11 3.690 25 49 6.21
86. 3. 3 5 3.501 5.66
86. 3. 4 5 3.561 4.91
86. 3. 9 5 3.531 7.23

3890 8.0 3.7898 −0.0097 − 6.127 −0.524 29°1505
75. 3.15 3 7 11 9.759 29 24 30.11
82. 3.16 3 9.750 29.59 + 3°
84. 3.15 3 9.786 29.84

3891 8.0 3.6977 −0.0084 − 6.133 −0.510 26°1517
84. 3.12 1 7 11 13.712 26 9 59.39
93. 3.20 3 13.686 59.51

3892 9.1 3.7630 −0.0094 − 6.151 −0.520 28°1363
93. 3.22 3 7 11 26.906 28 29 43.28
93. 3.23 4 27.141 43.84
94. 2.13 3 26.945 41.04

3893 8.5 3.7269 −0.0089 − 6.155 −0.515 27°1360
82. 2.13 3 7 11 29.737 27 13 32.71
82. 3. 3 3 29.609 33.50
86. 3. 6 5 29.646 33.03

3894 9.2 3.7786 −0.0096 − 6.156 −0.522 29°1507
84. 3.14 4 7 11 30.223 29 1 59.88
93. 3.10 7 30.373 60.44

3895 9.4 3.6691 −0.0081 − 6.157 −0.506 25°1638
74. 2.20 3 7 11 31.350 25 7 51.97
94. 2.19 4 31.149 47.96

3896 9.3 3.7542 −0.0093 − 6.169 −0.518 28°1365
82. 3.18 3 7 11 39.528 28 11 35.07 Z.C. δ 34″.4
93. 3.23 1 39.590 32.45 + 1^{s}
94. 2.20 7 39.416 35.78

3897	$7^{m}.1$	$3^{s}.7217$	$-0^{s}.0089$	$-\ 6''.178$	$-0''.513$	27°1362
84.	3 24	4	$7^{h}\,11^{m}\,46^{s}.393$	$27°\ 2'\ 53''.93$		
93.	3.20	4	46.518	53.82		
3898	9.1	3.7253	−0.0090	− 6.185	−0.514	27°1363
80.	3.10	2	7 11 51.610	27 10 48.68		
93.	3.22	2	51.382	51.59		
3899	9.1	3.7283	−0.0090	− 6.214	−0.514	27°1364
88.	3.15	7	7 12 12.486	27 17 49.27		†
3900	9.5	3.7983	−0.0101	− 6.244	−0.524	29°1509
82.	3.17	2	7 12 34.250	29 45 1.45		
94.	2.22	3	33.701	2.07		
3901	7.6	3.7578	−0.0095	− 6.244	−0.518	28°1367
74.	3.18	3	7 12 33.981	28 20 59.99		
79.	3. 7	3	34.088	60.33		
80.	3.17	3	33.894	59.97		
3902	7.3	3.8043	−0.0102	− 6.273	−0.524	29°1511
84.	3.14	4	7 12 54.701	29 57 48.04		
85.	3. 7	5	55.081	47.69		
3903	9.0	3.6700	−0.0084	− 6.280	−0.506	25°1641
74.	2.20	3	7 12 59.833	25 12 42.31		Z.C. α $59^{s}.89$
82.	3.13	2	60.047	41.98		
82.	3.16	3	59.626	40.83		$-10'$
86.	2.24	5	60.006	40.68		
86.	2.25	5	59.956	39.99		
3904	9.1	3.7314	−0.0092	− 6.284	−0.514	27°1366
74.	3. 3	3	7 13 2.594	27 26 7.23		
82.	2.13	3	2.567	6.52		
86.	3. 3	5	2.470	7.29		
86.	3. 4	5	2.528	6.07		
86.	3. 9	5	2.460	7.88		
3905	9.0	3.7356	−0.0093	− 6.295	−0.514	27°1367
82.	3. 3	3	7 13 10.881	27 35 36.95		
82.	3.18	2	10.913	37.67		
85.	3. 4	5	10.926	37.83		
3906	8.3	3.7149	−0.0090	− 6.295	−0.511	26°1525
84.	3.15	4	7 13 10.893	26 51 14.90		
88.	3.21	7	11.068	15.81		
3907	9.1	3.7356	−0.0093	− 6.312	−0.514	27°1368
74.	3. 3	2	7 13 22.974	27 35 26.04		
82.	3.18	1	22.975	25.77		
3908	8.5	3.6884	−0.0086	− 6.312	−0.508	25°1644
84.	3.15	2	7 13 22.979	25 53 56.30		*
85.	3.12	5	23.209	55.61		
85.	3.14	5	23.230	56.96		
3909	8.8	3.6602	−0.0083	− 6.322	−0.504	24°1627
84.	3.24	4	7 13 29.839	24 51 40.70		Z.C. α $29^{s}.88$
90.	3. 6	7	29.923	41.04		
3910	9.0	3.6713	−0.0084	− 6.322	−0.505	25°1645
87.	3.19	7	7 13 30.097	25 16 23.06		
90.	3.15	7	30.115	23.71		

3911	$8^{m}.0$	$3^{s}.7110$	$-0^{s}.0089$	$-\ 6''.325$	$-0''.510$	26°1528
74.	3.23	1	$7^{h}\,13^{m}\,32^{s}.563$	$26°\ 43'\ 30''.22$		
86.	3. 6	5	32.399	30.83		
3912	9.4	3.6645	−0.0084	− 6.325	−0.504	25°1646
90.	3.17	7	7 13 32.867	25 1 24.78		
94.	2.19	7	32.387	22.30		
3913	8.3	3.7815	−0.0100	− 6.331	−0.520	29°1514
75.	3.15	3	7 13 36.310	29 12 24.91		
93.	3. 8	7	36.386	24.17		
3914	9.4	3.7038	−0.0089	− 6.337	−0.509	26°1529
82.	3.17	2	7 13 40.908	26 28 1.11		
94.	2.24	7	40.501	2.70		
3915	9.5	3.6969	−0.0088	− 6.340	−0.509	26°1530
94.	2. 9	7	7 13 43.120	26 12 59.96		
94.	2.27	3	42.968	60.07		
94.	2.28	7	43.066	61.09		
3916	8.2	3.7269	−0.0092	− 6.341	−0.512	27°1369
80.	3.10	3	7 13 43.858	27 17 57.70		Z.C. δ $59''.0$
93.	3.10	5	43.878	60.33		
3917	9.0	3.8010	−0.0103	− 6.349	−0.523	29°1515
93.	3.20	5	7 13 49.453	29 53 4.09		
93.	3.22	6	49.251	3.17		
3918	7.9	3.7015	−0.0089	− 6.351	−0.509	26°1531
74.	3.25	2	7 13 51.163	26 23 27.14		
92.	3.12	7	51.017	26.97		
93.	3.16	7	51.063	28.15		
3919	8.5	3.6761	−0.0085	− 6.355	−0.506	25°1649
74.	2.20	3	7 13 54.322	25 27 50.53		
74.	3 2	2	54.263	50.08		
3920	8.2	3.6932	−0.0087	− 6.362	−0.508	26°1532
77.	3.10	1	7 13 59.040	26 5 40.50		Z.C. δ $40''.6$
80.	3.17	1	58.871	40.17		
88.	3.15	4	59.094	41.02		
3921	9.3	3.6968	−0.0088	− 6.366	−0.509	26°1533
82.	3.13	3	7 14 2.191	26 13 31.97		
91.	3.21	3	2.473	34.60		
3922	8.9	3.6955	−0.0088	− 6.369	−0.508	26°1535
82.	3.13	2	7 14 4.132	26 10 41.35		
84.	3.24	1	4.050	42.11		
3923	8.3	3.8061	−0.0104	− 6.376	−0.523	30°1488
77.	2.28	1	7 14 9.302	30 4 11.89		*
84.	3.12	3	8.973	14.13		
84.	3.14	3	8.951	12.89		
3924	9.0	3.6674	−0.0084	− 6.377	−0.504	25°1651
73.	3. 8	3	7 14 9.594	25 8 48.93		
74.	2.20	3	9.855	48.00		
94.	2.20	7	9.768	49.22		

3925	$9^{m}0$	$3^{s}6797$	$-0^{s}0086$	− 6″377	−0″506	25°1650
	82. 3.16	2	$7^{h}14^{m}9^{s}765$	25° 36′ 19″64		-1^{s}
	93. 3.11	3	10.030	19.27		
	94. 2. 8	7	9.839	20.34		
3926	9.0	3.6804	−0.0086	− 6.382	−0.506	25°1652
	82. 3.16	2	7 14 13.327	25 37 56.31		
	93. 3.11	3	13.705	57.03		
	94. 2.13	7	13.476	56.05		
3927	8.4	3.7973	−0.0103	− 6.394	−0.522	29°1516
	74. 2.27	3	7 14 22.160	29 46 49.87		
	80. 3. 9	3	22.111	51.13		
	82. 3. 3	3	22.005	50.85		
	82. 3.15	3	22.113	52.06		
3928	7.6	3.8054	−0.0105	− 6.418	−0.523	30°1490
	76. 2.29	2	7 14 39.246	30 3 41.86		
	77. 3.16	3	39.268	43.85		
	77. 3.21	2	39.190	42.14		
3929	8.9	3.6671	−0.0086	− 6.436	−0.504	25°1654
	77. 3.19	2	7 14 52.843	25 9 47.87		ft.
	80. 3.10	3	52.822	45.82		
	82. 2.13	3	52.676	47.39		
	85. 3. 7	5	53.006	47.48		
	93. 3. 8	3	52.782	47.83		
3930	9.0	3.7566	−0.0099	− 6.445	−0.516	28°1373
	74. 3.18	3	7 14 58.774	28 23 38.80		Z.C. δ 38″4
	79. 3. 7	3	59.069	38.85		
	80. 3. 9	1	59.064	38.66		
	80. 3.17	3	58.917	37.21		
3931	9.0	3.7895	−0.0103	− 6.466	−0.520	29°1520
	81. 3.19	3	7 15 13.907	29 32 29.05		Z.C. δ 28″6
	85. 3. 4	5	14.001	29.08		
	86. 2.24	7	14.077	28.21		
	86. 2.25	7	13.876	28.11		
3932	9.2	3.7927	−0.0104	− 6.469	−0.520	29°1522
	82. 3.17	3	7 15 16.509	29 39 7.81		
	85. 2.27	7	16.462	8.19		
	86. 3. 3	5	16.362	8.65		
	86. 3. 4	7	16.466	6.75		
	86. 3. 9	7	16.275	8.42		
3933	9.1	3.7074	−0.0092	− 6.481	−0.508	26°1539
	75. 3. 3	3	7 15 25.023	26 39 20.89		
	77. 3.14	3	25.061	20.71		
	82. 3. 6	3	25.186	19.89		− 1′
	85. 3.12	5	24.937	19.76		
	85. 3.14	5	25.099	20.93		
3934	9.1	3.6631	−0.0085	− 6.481	−0.503	25°1655
	78. 3.16	3	7 15 25.224	25 1 51.36		Z.C. δ 51″8
	81. 3.19	2	25.108	52.62		
	84. 3.15	4	25.078	51.51		
3935	8.9	3.7720	−0.0102	− 6.492	−0.517	28°1375
	74. 3.18	3	7 15 33.418	28 56 53.68		
	76. 3.11	3	33.628	53.98		
	77. 3. 8	3	33.560	52.19		
3936	$9^{m}0$	$3^{s}7184$	$-0^{s}0094$	− 6″502	−0″510	27°1371
	73. 2.28	3	$7^{h}15^{m}40^{s}320$	27° 3′ 55″43		Z.C. Ep. 74.9
	74. 3. 3	3	40.229	57.26		
	75. 2. 4	3	40.258	56.54		
	77. 3.17	3	40.203	56.16		
3937	8.9	3.6789	−0.0088	− 6.503	−0.505	25°1657
	74. 3. 2	2	7 15 41.124	25 37 31.57		
	82. 3. 7	3	41.212	31.34		
	84. 3.12	3	41.042	31.30		− 1′
3938	9.4	3.6851	−0.0089	− 6.506	−0.506	25°1658
	82. 3. 3	3	7 15 43.549	25 51 19.63		
	86. 3. 8	4	43.583	17.30		
	88. 3.21	6	43.516	20.23		
	90. 3.15	1	43.407	19.01		+ 5′
3939	8.7	3.6824	−0.0089	− 6.509	−0.505	25°1659
	80. 3.18	3	7 15 45.221	25 45 11.43		Z.C. δ 11″3
	80. 3.24	3	45.172	10.77		
	82. 3.15	3	45.325	11.98		
	86. 3. 6	7	45.190	10.89		
3940	5.0	3.6696	−0.0087	− 6.517	−0.503	25°1660
	80. 3.10	2	7 15 51.082	25 17 17.27		
	84. 3.14	4	51.112	18.64		
3941	8.8	3.7030	−0.0092	− 6.532	−0.508	26°1542
	87. 3.16	5	7 16 2.324	26 31 10.17		+ 5′
	89. 3. 4	7	2.134	8.74		
	89. 3.15	7	2.185	8.81		
3942	9.0	3.7665	−0.0101	− 6.534	−0.516	28°1376
	74. 3.18	1	7 16 3.272	28 46 39.83		
	76. 3.11	3	3.399	39.58		
	79. 3. 7	2	3.404	39.44		
3943	7.9	3.7452	−0.0098	− 6.542	−0.513	28°1377
	80. 3.13	3	7 16 9.501	28 2 2.21		Z.C. δ 2″0
	80. 3.17	3	9.264	1.89		
3944	8.9	3.7459	−0.0099	− 6.568	−0.513	28°1378
	73. 2.28	2	7 16 28.492	28 4 11.48		− 5′ §
	80. 3.13	3	28.287	13.50		
	84. 3.15	2	28.330	13.55		
3945	An error for 3944: see above					
3946	9.2	3.7217	−0.0095	− 6.569	−0.510	— —
	90. 3.17	7	7 16 29.003	27 12 36.20		†
3947	9.5	3.6880	−0.0091	− 6.586	−0.505	26°1544
	81. 3.19	2	7 16 41.644	25 59 38.64		Z.C. δ 38″2
	82. 3.18	3	41.548	37.84		
3948	9.2	3.6853	−0.0091	− 6.593	−0.505	25°1664
	82. 3. 6	3	7 16 46.449	25 53 51.60		
	82. 3.16	3	46.172	51.95		
	82. 3.17	3	46.446	52.12		
	85. 3. 7	5	46.605	50.83		
3949	6.7	3.7401	−0.0099	− 6.593	−0.512	27°1374
	74. 3. 3	3	7 16 46.875	27 52 38.19		w. 2 − 10^{s}
	84. 3. 5	3	46.621	38.06		
	84. 3.24	5	46.642	38.87		

3950	$8^{m}7$	$3^{s}7321$	$-0^{s}0098$	− 6″606	−0″511	27°1376
74. 3. 3	3	$7^{h}16^{m}55^{s}939$			27° 35′ 45″11	
84. 3.14	2	56.279			44.31	
94. 2. 8	4	56.172			41.84	
94. 2. 9	6	56.119			43.24	
94. 2.12	7	56.292			44.03	
3951	9.0	3.7469	−0.0100	− 6.610	−0.512	28°1381
76. 3.11	3	7 16 58.910			28 7 26.73	
82. 3.15	3	58.774			27.09	
85. 3. 4	5	58.765			26.97	
3952	8.9	3.7116	−0.0094	− 6.619	−0.509	26°1547
82. 3. 6	3	7 17 5.684			26 52 4.95	
93. 3. 8	5	5.561			5.82	
3953	9.0	3.6583	−0.0089	− 6.690	−0.500	24°1648
82. 3. 3	3	7 17 56.604			24 56 12.82	
84. 3. 5	2	56.682			13.21	v. ft.
85. 2.27	7	56.565			12.34	
86. 2.24	7	56.673			10.45	
86. 2.25	7	56.373			11.23	
3954		Fundamental Star				28°1385
3955	8.7	3.7108	−0.0096	− 6.699	−0.508	26°1552
80. 3.17	3	7 18 3.624			26 52 18.25	
82. 3.17	3	3.725			18.41	
85. 3.12	7	3.612			18.32	
85. 3.14	7	3.734			19.00	
3956	8.6	3.6662	−0.0090	− 6.700	−0.501	25°1669
82. 3.16	3	7 18 3.865			25 14 2.01	-2^{m}
84. 3.15	2	3.963			1.78	
84. 3.24	5	4.067			1.17	
3957	9.0	3.7998	−0.0110	− 6.722	−0.519	30°1500
87. 3.16	7	7 18 20.130			30 0 34.56	
92. 3.19	7	20.151			36.09	
93. 3.11	7	20.237			34.18	
3958	9.4	3.7608	−0.0105	− 6.735	−0.513	28°1387
81. 3.19	3	7 18 29.849			28 40 13.46	
86. 3. 9	7	29.752			12.70	
3959	9.3	3.7620	−0.0105	− 6.746	−0.513	28°1388
82. 3.15	3	7 18 37.415			28 42 50.08	
84. 3.12	4	37.570			49.32	
3960	8.5	3.6918	−0.0095	− 6.746	−0.504	26°1554
82. 3. 3	3	7 18 37.719			26 11 58.28	
84. 3.14	3	37.747			59.07	w. 6.7 + 1^{s}
89. 2.19	7	37.809			59.36	
91. 3.16	7	37.574			58.74	n. f. of 2
91. 3.21	5	37.802			58.35	$+5^{s}$
3961	9.5	3.7613	−0.0105	− 6.749	−0.513	28°1389
74. 3.18	2	7 18 40.109			28 41 33.38	
86. 3. 3	7	40.027			33.07	
3962	9.0	3.7243	−0.0100	− 6.766	−0.509	27°1383
73. 2.28	3	7 18 52.570			27 23 23.30	Z.C. δ 23″2
74. 3. 3	3	52.582			23.82	
80. 3.10	3	52.805			21.21	
86. 3. 6	7	52.642			24.34	
3963	$8^{m}8$	$3^{s}7340$	$-0^{s}0101$	− 6″788	−0″510	27°1385
80. 3.13	3	$7^{h}19^{m}$ $8^{s}485$			27° 44′ 41″38	Z.C. δ 41″3
80. 3.17	3	8.417			40.94	
84. 3.15	2	8.387			41.51	
3964	9.1	3.7795	−0.0108	− 6.791	−0.515	— —
82. 3. 6	2	7 19 10.092			29 20 49.79	†
3965	9.0	3.7790	−0.0108	− 6.794	−0.515	29°1531
82. 3. 6	2	7 19 12.577			29 19 42.21	
85. 3. 4	7	12.590			40.76	−5′
3966	9.2	3.7558	−0.0105	− 6.797	−0.512	28°1390
89. 3. 4	5	7 19 14.765			28 31 24.07	
89. 3.15	5	14.890			22.73	
3967	9.0	3.7488	−0.0104	− 6.800	−0.512	28°1391
90. 3.17	7	7 19 17.221			28 16 37.76	
93. 3. 8	7	17.039			37.78	
3968	8.9	3.7848	−0.0109	− 6 801	−0.516	29°1532
74. 3.26	2	7 19 17.833			29 32 5.89	
80. 3.24	3	17.822			6.38	
82. 3.16	3	17.589			6.23	c. d.
84. 3.24	3	17.550			6.81	
3969	8.8	3.8016	−0.0112	− 6.818	−0.518	30°1505
84. 3.12	4	7 19 29.943			30 7 9.67	
93. 3.10	7	29.966			10.88	
3970	8.2	3.7280	−0.0101	− 6.820	−0.508	27°1387
74. 3. 3	3	7 19 31.780			27 32 47.95	
77. 3.17	1	31.628			46.78	
80. 3.10	2	31.827			44.45	
3971	8.8	3.7852	−0.0110	− 6.833	−0.515	29°1533
74. 2 27	3	7 19 40.978			29 33 44.11	
76. 2.29	3	40.596			44.87	
77. 3.21	3	40.762			44.87	
3972	9.1	3.7602	−0.0106	− 6.836	−0.512	28°1392
73. 3.13	3	7 19 43.413			28 41 39.24	
74. 2 17	3	43.584			40.21	
3973	9.0	3.6862	−0.0095	− 6.854	−0.502	26°1561
73. 3.25	3	7 19 56.230			26 2 42.85	
76. 3.18	3	55.992			41.76	
77. 3.10	3	56.018			43.24	
3974	8.0	3.7274	−0.0102	− 6.865	−0.508	27°1389
73. 2.28	3	7 20 4.479			27 32 41.77	
74. 3. 3	3	4.387			43.11	
76. 3.20	3	4.268			43.56	
78. 3.27	3	4.438			41.36	
80. 2.28	3	4.498			43.29	
80. 3.10	1	4.660			41.05	
80. 3.13	3	4.209			41.73	
3975	8.9	3.6964	−0.0097	− 6.878	−0.503	26°1563
74. 3.25	2	7 20 13.906			26 25 31.82	Z.C. α $13^{s}84$
75. 3. 3	3	13.936			32.63	Z.C. δ 31″9
75. 3. 3	1	13.686			31.97	ft. clds
80. 3.17	3	13.741			31.85	
80. 3.24	2	13.944			31.05	

3976	$7^{m}.3$	$3^{s}.6977$	$-0^{s}.0097$	$-6''.886$	$-0''.504$	26°1564
74.	3.23	3	$7^{h}20^{m}19^{s}.674$	26°28′37″.99		
77.	3.10	2	19.748	38.14		
3977	7.6	3.7877	−0.0112	− 6.886	−0.515	29°1535
74.	2.27	2	7 20 19.796	29 40 32.33		
74.	3.26	2	19.816	31.72		
75.	3.15	3	19.832	32.72		
3978	8.3	3.6654	−0.0093	− 6.894	−0.499	25°1677
73.	3.22	3	7 20 25.820	25 16 44.94		
74.	2.20	3	25.830	44.85		
75.	3. 5	3	25.969	43.88		
78.	2.15	3	25.780	43.99		
78.	3.16	3	26.117	43.27		
3979	9.0	3.7134	−0.0100	− 6.930	−0.505	27°1394
74.	3. 3	2	7 20 51.722	27 4 14.91		
80.	3.18	3	51.579	13.99		
3980	7.1	3.7338	−0.0104	− 6.933	−0.508	27°1395
75.	2. 4	3	7 20 53.945	27 48 13.28		
76.	3.10	3	54.140	12.84		
77.	3.17	2	53.845	11.83		
3981	7.7	3.6545	−0.0092	− 6.947	−0.497	24°1665
74.	3. 2	3	7 21 4.504	24 54 11.29		
75.	3. 5	3	4.648	10.27		
77.	3.19	3	4.492	10.72		
3982	9.1	3.6548	−0.0092	− 6.950	−0.497	24°1666
74.	3. 2	3	7 21 6.385	24 54 61.01		
77.	3.19	2	6.352	59.45		
78.	3.16	3	6.546	60.13		
3983	8.9	3.7077	−0.0100	− 6.956	−0.505	26°1566
74.	3.23	3	7 21 10.936	26 52 21.27		
76.	3.18	3	11.120	20.36		
77.	3.14	3	11.034	20.26		
77.	3.14	2	11.074	21.04		
77.	3.23	3	11.125	21.68		
3984	8.5	3.6708	−0.0095	− 6.964	−0.499	25°1683
73.	3.22	3	7 21 16.935	25 31 19.28		
78.	2.15	3	16.813	18.11		
80.	2.28	3	16.793	18.51		
80.	3.17	3	16.608	18.51		
3985	6.0	3.7491	−0.0107	− 6.986	−0.510	28°1396
73.	3.13	3	7 21 33.070	28 22 24.35		
74.	2.17	3	33.078	25.51		
74.	3.18	3	33.070	25.03		
76.	3.11	3	33.044	25.18		
77.	3. 8	3	33.111	25.37		
3986	8.3	3.7155	−0.0102	− 7.008	−0.505	27°1397
73.	2.28	3	7 21 48.549	27 10 56.66		
75.	2. 4	3	48.643	57.64		
76.	3.20	3	48.716	57.68		
78.	3.27	3	48.680	57.39		
3987	9.5	3.7386	−0.0106	− 7.026	−0.508	28°1399
74.	2.17	3	7 22 1.940	28 0 58.20		
90.	3.11	7	2.076	58.74		
3988	$5^{m}.0$	$3^{s}.7429$	$-0^{s}.0107$	$-7''.026$	$-0''.509$	28°1400
73.	2.27	1	$7^{h}22^{m}2^{s}.098$	28°10′18″.39		
87.	3.11	5	2.075	18.92		
87.	3.12	7	2.122	18.66		
88.	3. 8	7	2.036	17.34		
88.	3.15	7	2.095	17.96		
3989	9.3	3.7904	−0.0115	− 7.039	−0.514	29°1538
74.	3.26	3	7 22 11.954	29 50 21.95		
75.	2.25	3	11.846	23.25		
76.	2.29	3.	11.983	23.28		
77.	3.16	3	11.786	23.63		
3990	9.4	3.7383	−0.0107	− 7.050	−0.508	28°1402
74.	3.18	3	7 22 19.547	28 0 59.50		
75.	3. 9	3	19.761	60.55		
77.	3. 8	3	19.940	60.40		ex. ft.
80.	3.18	3	19.587	59.73		
3991	8.8	3.7843	−0.0115	− 7.065	−0.513	29°1539
74.	2.27	3	7 22 31.020	29 38 37.61		
77.	2.28	3	30.891	37.38		
77.	2.28	2	30.991	37.97		
77.	3.21	3	31.011	36.76		
3992	8.0	3.7787	−0.0114	− 7.065	−0.512	29°1540
74.	3.26	2	7 22 31.071	29 26 53.53		Z.C. δ 54″.2
75.	3 15	3	30.844	54.94		
80.	3.19	3	31.038	54.03		
3993	9.2	3.7416	−0.0108	− 7.066	−0.508	28°1403
76.	3 11	3	7 22 31.644	28 8 40.87		−1′
80.	3.10	3	31.789	37.16		Z.C. δ 39″.3
80.	3.24	3	31.828	39.89		
3994	8.5	3.6742	−0.0098	− 7.086	−0.498	25°1689
73.	3. 8	3	7 22 45.822	25 42 19.26		
73.	3.22	3	45.950	19.95		
74.	2.20	3	45.993	20.17		
75.	3. 5	3	45.985	19.45		w. 5 − 2^{s}
3995	9.1	3.7969	−0.0117	− 7.087	−0.515	30°1518
80.	2.28	3	7 22 46.546	30 5 11.18		
81.	3. 1	3	46.592	10.20		
82.	3.15	3	46:556	9.96		
3996	8.7	3.6831	−0.0099	− 7.093	−0.499	26°1573
74.	3.23	3	7 22 50.846	26 2 1 78		c. d. m.
74.	3.25	3	51.036	2.21		
75.	3. 3	3	51.073	2.01		
76.	3.18	3	50.813	3.26		
3997	8.0	3.7418	−0.0109	− 7.096	−0.508	28°1405
73.	3.13	3	7 22 53.319	28 10 2.29		Z.C. δ 1″.7
76.	3.11	2	53.466	2.50		
80.	3. 9	3	53.087	1.11		
80.	3.13	3	53.196	1.46		
81.	3. 1	2	53.191	1.36		
3998	9.3	3.6989	−0.0101	− 7.112	−0.501	26°1574
76.	3.18	1	7 23 5.046	26 37 39.13		Z.C.Ep. 78.9
77.	3.10	3	5.072	38.18		ex. ft. + 1^{m}
80.	3.25	3	5.049	39.21		
82.	2.13	3	5.155	37.24		

3999	$9^{m}.0$	$3^{s}.7772$	$-0^{s}.0114$	$-7''.114$	$-0''.512$	29°1541
75.	2.25	3	$7^{h}23^{m}6^{s}.438$	$29°25'12''.13$		
75.	3.15	3	6.365	11.84		
4000	9.5	3.7738	−0.0114	−7.117	−0.511	29°1542
74.	2.27	3	7 23 8.650	29 18 11.51		
80.	3.17	3	8.365	11.41		
82.	3. 7	1	8.837	14.27		*
4001	8.5	3.7662	−0.0112	−7.124	−0.510	29°1543
74.	3.26	1	7 23 13.548	29 2 20.05		
77.	3.16	3	13.804	21.05		
88.	3.21	7	13.600	21.72		
4002	9.3	3.6816	−0.0099	−7.124	−0.499	26°1575
78.	3.12	2	7 23 13.887	25 59 34.75		
80.	3.18	3	13.633	34.17		
85.	2.27	7	13.640	33.52		
4003	8.9	3.6683	−0.0097	−7.131	−0.497	25°1690
73.	3.22	3	7 23 19.156	25 29 59.01		
78.	2.15	3	18.963	58.23		
4004	9.3	3.6681	−0.0097	−7.134	−0.497	— —
78.	2.15	2	7 23 21.224	25 29 42.42		†
4005	8.9	3.6662	−0.0097	−7.135	−0.497	25°1691
73.	3. 8	3	7 23 21.694	25 25 28.82		c.d.l.
74.	3. 2	3	21.708	28.85		c.d.l.
75.	3. 5	3	21.719	28.95		
78.	3.16	3	21.753	28.71		
4006	9.0	3.7438	−0.0109	−7.136	−0.508	28°1408
74.	2.17	3	7 23 22.445	28 15 37.44		
74.	3.18	2	22.454	38.03		
75.	3. 9	3	22.411	37.36		
4007	8.2	3.7784	−0.0115	−7.141	−0.512	29°1544
77.	3.21	3	7 23 26.479	29 28 34.34		
82.	2.13	2	26.349	32.69		
82.	3.15	3	26.295	32.76		
82.	3.18	3	26.463	32.33		
4008	9.1	3.6999	−0.0102	−7.141	−0.502	26°1577
74.	3.25	3	7 23 26.655	26 40 29.72		
89.	3.12	7	26.824	30.15		
90.	3.15	7	26.642	30.01		
4009	8.1	3.7329	−0.0108	−7.159	−0.507	27°1403
73.	2.28	3	7 23 39.728	27 52 54.21		
74.	3. 3	3	39.687	56.03		?c.d.
75.	2. 4	3	39.794	54.93		
76.	3.10	3	39.734	55.13		
76.	3.20	3	39.718	55.35		
77.	3.17	3	39.645	53.86		
77.	3.17	2	39.645	54.57		
78.	3.27	3	39.751	54.97		
4010	8.7	3.7671	−0.0114	−7.175	−0.509	29°1546
74.	2.27	1	7 23 51.542	29 5 50.72		
75.	2.25	3	51.548	50.59		
75.	3.15	3	51.452	51.83		
76.	3.15	1	51.454	51.34		
77.	3.16	3	51.553	52.59		

4011	$9^{m}.3$	$3^{s}.6687$	$-0^{s}.0098$	$-7''.178$	$-0''.496$	25°1695
80.	2.28	3	$7^{h}23^{m}53^{s}.375$	$25°32'13''.39$		Z.C. δ $13''.2$
81.	3. 8	2	53.452	12.98		ex. ft.
4012	9.0	3.7006	−0.0103	−7.183	−0.501	26°1579
74.	3.23	3	7 23 57.179	26 43 19.18		
77.	3.10	3	57.393	20.27		
77.	3.14	3	57.120	19.48		
4013	9.3	3.6756	−0.0099	−7.187	−0.497	25°1696
74.	2.20	3	7 24 0.348	25 47 57.48		
80.	3.13	3	0.348	57.81		
4014	9.3	3.6710	−0.0098	−7.189	−0.496	25°1697
80.	3.18	3	7 24 1.526	25 37 39.99		Z.C. δ $40''.1$
80.	3.19	3	1.517	40.20		
4015	8.5	3.6824	−0.0100	−7.190	−0.498	26°1580
75.	3. 3	3	7 24 2.257	26 2 60.28		Z.C. δ $0''.1$
77.	3.14	2	2.219	60.04		
77.	3.23	3	2.199	60.34		
80.	3.17	3	2.106	60.17		
80.	3.24	3	2.167	59.78		
4016	8.8	3.6487	−0.0095	−7.205	−0.493	24°1685
78.	3.16	3	7 24 13.319	24 47 47.40		Z.C. δ $46''.0$
80.	3.10	3	13.337	44.53		
4017	8.3	3.6477	−0.0095	−7.213	−0.493	24°1686
74.	3. 2	3	7 24 19.311	24 45 52.68		
87.	3.10	5	19.497	52.25		
87.	3.11	5	19.601	52.86		
87.	3.12	5	19.528	53.49		
4018	9.0	3.7182	−0.0107	−7.218	−0.503	27°1405
73.	2.28	3	7 24 22.599	27 22 32.35		
74.	3. 3	3	22.644	33.10		
75.	2. 4	2	22.732	34.06		
76.	3.20	2	22.773	35.18		
78.	3.27	3	22.638	34.27		
4019	8.0	3.7184	−0.0107	−7.227	−0.503	27°1406
73.	2.28	1	7 24 29.407	27 23 20.77		-10^{s}
75.	2. 4	2	29.400	20.32		
76.	3.20	2	29.367	21.98		
76.	3.10	3	29.420	22.10		
78.	3.27	1	29.580	21.78		-1^{m}
4020	9.4	3.7116	−0.0106	−7.236	−0.502	27°1407
81.	3. 1	3	7 24 35.927	27 8 42.51		Z.C. δ $43''.0$
81.	3. 8	2	35.915	41.98		
82.	3. 7	2	35.792	44.55		
4021	9.3	3.7072	−0.0105	−7.238	−0.501	— —
81.	3.15	3	7 24 37.480	26 59 18.21		† Z.C. δ $18''.2$
4022	9.5	3.6713	−0.0100	−7.254	−0.496	25°1699
74.	2.20	3	7 24 49.490	25 40 20.68		
75.	3. 5	3	49.684	17.59		
4023	8.8	3.6918	−0.0103	−7.268	−0.499	26°1584
74.	3.25	3	7 24 59.928	26 26 14.69		
76.	3.18	3	60.001	14.23		
82.	3.14	2	60.081	15.00		

4024	$8^{m}.5$	$3^{s}.7324$	$-0^{s}.0110$	$-\ 7''.271$	$-0''.505$	27°1409
	74. 3. 3	3	$7^{h}25^{m}\ 1^{s}.999$	$27°\,54'\,50''.84$		
	77. 3.17	2	2.129	50.78		
	80. 3.13	3	2.021	51.63		
	82. 3.16	3	1.987	50.71		
4025	9.0	3.6832	−0.0102	− 7.272	−0.497	26°1585
	77. 3.10	3	7 25 2.353	26 7 5.34		
	78. 3.12	3	2.420	3.85		
	80. 3.17	3	2.406	5.06		
4026	9.1	3.7606	−0.0115	− 7.276	−0.508	28°1409
	73. 2.27	3	7 25 5.430	28 55 25.14		$+4^{s}$
	73. 3.13	3	5.286	24.58		
	74. 2 17	3	5.325	24.67		
	75. 3. 9	3	5.228	24.51		
	77. 3. 8	3	5.377	24.51		
	77. 3. 8	3	5.177	24.65		
4027	9.3	3.7066	−0.0106	− 7.276	−0.501	27°1410
	80. 3.25	3	7 25 5.794	26 59 3.85		Z.C. δ $3''.3$
	82. 3.16	2	5.802	1.98		
	84. 3.12	4	5.957	3.96		
4028	9.2	3.6956	−0.0104	− 7.278	−0.499	26°1586
	81. 3.19	3	7 25 7.033	26 34 51.53		Z.C. Ep. 89.5
	92. 3. 8	5	7.115	51.77		$+1^{s}$
	92. 3.12	7	7.124	50.82		
	92. 3.19	7	7.028	50.61		
4029	9.5	3.7018	−0.0105	− 7.290	−0.500	— —
	80. 3.19	1	7 25 16.238	26 49 1.32		†
4030	8.7	3.7003	−0.0105	− 7.291	−0.500	26°1587
	75. 3. 3	3	7 25 16.401	26 45 36.17		Z.C. α $16^{s}.32$
	77. 3.14	2	16.394	35.18		
	80. 3.19	3	16.417	34.89		
	80. 3.24	3	16.356	34.87		
	82. 3.13	1	16.038	35.55		
4031	8.9	3.7259	−0.0109	− 7.301	−0.503	27°1411
	75. 2. 4	2	7 25 24.023	27 41 53.29		
	76. 3.10	2	24.003	53.25		
4032	9.5	3.6701	−0.0100	− 7.308	−0.495	25°1701
	73. 3.22	3	7 25 29.046	25 39 2.92		†
4033	7.8	3.6899	−0.0104	− 7.313	−0.498	26°1588
	74. 3.23	3	7 25 32.402	26 22 42.83		
	77. 3.10	3	32.488	43.08		
	87. 3.18	5	32.527	41.56		
4034	8.3	3.6990	−0.0105	− 7.317	−0.499	26°1589
	77. 3.23	3	7 25 35.703	26 43 28.51		
	78. 3.12	3	35.813	27.21		
	82. 3.13	3	35.886	28.66		
4035	8.7	3.6791	−0.0102	− 7.324	−0.496	26°1590
	80. 2.28	3	7 25 40.915	25 59 40.45		Z.C. δ $40''.4$
	80. 3. 9	3	40.941	41.13		
	80. 3.10	3	40.979	37.75		
	82. 3.15	3	40.907	40.51		
	89. 2.19	5	41.149	42.00		

4036	$9^{m}.0$	$3^{s}.6861$	$-0^{s}.0103$	$-\ 7''.346$	$-0''.497$	26°1591
	74. 3.25	3	$7^{h}25^{m}57^{s}.246$	$26°\,16'\ \ 3''.02$		
	76. 3.18	1	57.173	2.95		
	77. 3.10	1	57.309	3.41		
	88. 3.21	7	57.315	3.71		
4037	8.7	3.6700	−0.0101	− 7.356	−0.495	25°1704
	73. 3.22	3	7 26 4.842	25 39 60.75		
	74. 2.20	3	4.824	60.30		
	75. 3. 5	3	4.848	60.27		
	77. 3.19	3	4.787	59.69		ex. ft.
	87. 3.12	5	4.961	60.50		
4038	9.1	3.7596	−0.0117	− 7.382	−0.507	28°1413
	74. 2.17	3	7 26 23.358	28 56 30.78		
	75. 3. 9	3	23.532	29.09		
4039	9.5	3.6737	−0.0102	− 7.383	−0.495	— —
	74. 3. 2	3	7 26 24.725	25 48 57.38		† v. ft.
4040	8.9	3.6557	−0.0099	− 7.388	−0.492	25°1706
	78. 2.15	3	7 26 27.877	25 8 49.24		
	91. 3.16	7	27.848	48.68		
	91. 3.21	7	27.992	48.95		
4041	7.7	3.7519	−0.0116	− 7.405	−0.505	28°1415
	74. 3.18	3	7 26 40.204	28 40 43.02		Z.C. δ $42''.4$
	76. 3.11	3	40.318	43.65		
	80. 3.10	3	40.393	40.41		
4042	7.0	3.7596	−0.0117	− 7.408	−0.506	28°1416
	73. 3.13	3	7 26 42.754	28 57 16.08		
	74. 2.17	3	42.777	16.71		
	74. 2.27	2	42.617	17.60		
	75. 2.25	2	42.523	16.11		
	75. 3. 9	2	42.655	16.97		
	75. 3.15	2	42.775	16.16		
	77. 3.16	2	42.653	17.95		
	87. 3.19	7	42.645	16.49		
	87. 3.23	7	42.595	16.79		
4043	9.3	3.6991	−0.0107	− 7.410	−0.498	26°1593
	74. 3.23	3	7 26 44.129	26 46 32.28		
	74. 3.25	1	44.230	32.19		
	75. 3. 3	3	44.300	32.32		
	76. 3. 7	2	44.416	30.87		
4044	8.7	3.7609	−0.0117	− 7.411	−0.506	29°1553
	74. 2.27	3	7 26 45.261	29 0 1.66		
	74. 3.26	3	45.048	2.59		
	75. 2.25	3	45.022	2.77		
	75. 3.15	3	45.024	2.61		
	76. 2.29	3	45.221	3.64		
	76. 3.15	3	45.151	2.28		
	77. 2.28	3	45.152	2.66		
	77. 2.28	2	45.302	2.52		
	77. 3.16	3	45.240	2.72		
	77. 3.21	3	45.304	2.54		
4045	9.3	3.7238	−0.0111	− 7.418	−0.501	27°1415
	73. 2.28	3	7 26 50.374	27 40 35.96		
	89. 3. 4	7	50.561	35.28		
	89. 3. 5	7	50.526	36.37		
	89. 3.15	7	50.625	36.07		

4046	$7^{\mathrm{m}}.7$	$3^{\mathrm{s}}.7542$	$-0^{\mathrm{s}}.0117$	$-7''.421$	$-0''.505$	28° 1417
74.	3.18	3	$7^{\mathrm{h}}26^{\mathrm{m}}52^{\mathrm{s}}.254$	28° 46′ 18″.97	Z.C. δ 19″.0	
80.	2.28	3	52.291	18.55		
80.	3.18	3	52.206	19.86		
80.	3.24	3	52.287	18.94		
80.	3.25	3	52.334	18.86		
4047	9.5	3.6990	−0.0107	−7.431	−0.498	26° 1594
75.	3. 3	2	7 26 59.630	26 46 51.02	D − 10″	
93.	3. 8	3	60.024	50.87		
94.	2. 8	7	59.665	47.84		
4048	9.0	3.6538	−0.0100	−7.436	−0.491	25° 1708
74.	2.20	3	7 27 3.629	25 5 45.88		
74.	3. 2	3	3.669	45.60		
75.	3. 5	3	3.520	45.07		
78.	2.15	3	3.615	45.37		
4049	7.8	3.7473	−0.0116	−7.442	−0.504	28° 1418
77.	3. 8	3	7 27 8.330	28 32 1.29		
80.	3.17	3	8.137	0.42		
87.	3.10	5	8.133	2.02		
87.	3.11	5	8.056	0.39		
4050	9.0	3.6993	−0.0107	−7.445	−0.498	26° 1597
74.	3.23	3	7 27 10.217	26 47 58.83		
77.	3.10	2	10.346	60.09		
77.	3.14	3	10.113	60.76		
4051	8.0	3.6573	−0.0100	−7.449	−0.492	25° 1709
73.	3.22	3	7 27 13.011	25 14 10.70	†	
77.	3.19	3	12.943	7.42		
4052	9.3	3.6902	−0.0106	−7.453	−0.497	26° 1598
78.	3.12	3	7 27 16.369	26 27 53.57	Z.C. δ 53″.1	
81.	3. 1	3	16.233	52.73		
81.	3.19	3	16.360	53.00		
4053	7.4	3.7570	−0.0119	−7.479	−0.505	28° 1419
74.	2.17	2	7 27 35.629	28 53 52.49		
75.	3. 9	2	35.500	52.03		
76.	3.11	3	35.529	51.75		
4054	8.5	3.6728	−0.0104	−7.484	−0.493	25° 1711
74.	2.20	2	7 27 38.747	25 50 7.83	Z.C. δ 7″.5	
80.	3.10	3	38.797	6.24		
80.	3.13	3	38.615	8.36		
4055	8.4	3.7008	−0.0109	−7.485	−0.498	26° 1601
74.	3.23	2	7 27 39.594	26 52 21.95	Z.C. δ 21″.5	
77.	3.23	3	39.528	22.25		
81.	3. 8	3	39.495	20.95		
81.	3.15	3	39.537	20.91		
4056	9.0	3.7002	−0.0108	−7.497	−0.497	26° 1603
77.	3.14	3	7 27 48.203	26 51 35.66	Z.C. δ 36″.0	
80.	2.28	3	48.184	36.99		
80.	3. 9	3	48.292	36.25		
81.	3.15	1	48.518	35.21	*	
4057	9.2	3.7887	−0.0124	−7.503	−0.509	30° 1531
76.	2.29	3	7 27 53.104	30 1 30.45	Z.C. α $53^{\mathrm{s}}.27$	
89.	3.12	7	53.417	29.74		
90.	3.11	7	53.294	30.63		
4058	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.6914$	$-0^{\mathrm{s}}.0107$	$-7''.526$	$-0''.496$	26° 1604
74.	3.25	2	$7^{\mathrm{h}}28^{\mathrm{m}}10^{\mathrm{s}}.045$	26° 32′ 50″.97	Z.C. δ 50″.9	
76.	3.18	2	9.957	49.60	ex. ft. w. 7 − 1^{s}	
80.	3.13	3	10.105	51.63		
80.	3.24	3	10.041	51.31		
4059	4.0	3.7083	−0.0110	−7.530	−0.498	27° 1424
73.	2.28	3	7 28 13.110	27 10 17.88		
73.	3.14	2	13.309	16.89		
74.	3. 3	3	13.204	18.20		
76.	3.10	3	13.085	18.00		
4060	8.4	3.6547	−0.0102	−7.539	−0.491	25° 1713
73.	3. 8	3	7 28 19.335	25 10 44.53		
73.	3.22	3	19.299	45.52		
75.	3. 5	3	19.293	44.13		
80.	3.18	2	19.263	45.59		
4061	9.0	3.7563	−0.0119	−7.539	−0.505	28° 1420
73.	3.13	1	7 28 19.408	28 54 11.07	−5′	
74.	2.17	2	19.574	11.49		
74.	3.18	3	19.335	10.41		
75.	3. 9	1	19.540	10.99		
77.	3. 8	3	19.527	11.87		
4062	8.9	3.6897	−0.0107	−7.553	−0.496	26° 1605
77.	3.10	3	7 28 29.979	26 29 53.57		
77.	3.23	3	29.905	53.16		
80.	3.15	3	29.988	52.57		
4063	8.9	3.6801	−0.0106	−7.571	−0.494	26° 1607
74.	3.23	2	7 28 42.944	26 9 1.91		
75.	3. 3	3	43.117	1.33		
76.	3. 7	3	43.063	2.75		
4064	9.2	3.6642	−0.0104	−7.574	−0.491	25° 1714
74	2.20	3	7 28 45.885	25 33 19.68		
74.	3. 2	3	45.414	19.05		
78.	2.15	3	45.527	19.87		
80.	2.28	3	45.731	19.76		
80.	3. 9	3	45.827	20.44		
80.	3.17	3	45.697	19.97		
4065	8.7	3.7886	−0.0125	−7.576	−0.508	30° 1533
74.	2.27	3	7 28 46.682	30 3 20.27		
74.	3.26	3	46.681	20.49		
76.	2.29	3	46.709	20.15		
76.	3.15	3	46.639	21.30		
77.	2.28	3	46.669	20.84		
77.	3.16	3	46.729	20.60		
77.	3.21	3	46.714	20.18		
4066	9.0	3.7063	−0.0111	−7.577	−0.496	27° 1426
74.	3. 3	3	7 28 47.679	27 7 26.45	Z.C. δ 25″.5	
75.	2. 4	3	47.640	25.73		
76.	3.20	3	47.492	26.27		
77.	3.17	3	47.631	25.34		
77.	3.17	3	47.471	25.90		
87.	3.10	5	47.520	24.96		
87.	3.11	5	47.324	24.06		
88.	3. 8	7	47.484	25.15		
88.	3.15	4	47.767	25.52		
4067	9.3	3.7342	−0.0116	−7.601	−0.501	28° 1422
82.	3.13	3	7 29 5.544	28 8 55.20	†	

4068 $9^{m}.4$ $3^{s}.6533$ $-0^{s}.0103$ – $7''.613$ $-0''.490$ 25°1715

75.	3. 5	3	$7^{h}29^{m}14^{s}.197$	25° 9′ 45″.21	
78.	2.15	3	14.164	44.88	
78.	3.16	3	14.377	46.45	
80.	3.10	3	14.360	42.65	−30′
80.	3.15	3	14.531	45.86	
80.	3.18	2	14.145	46.98	

4069 8.5 3.6567 −0.0104 – 7.620 −0.490 25°1716

73.	3.22	3	7 29 19.956	25 17 36.74	Z.C. δ 35″.3
80.	3.17	3	19.925	34.71	
80.	3.25	3	19.911	34.53	?v.c.d.

4070 9.0 3.6758 −0.0106 – 7.622 −0.493 26°1610

87.	3.12	7	7 29 21.202	26 0 44.14	
87.	3.19	7	21.109	42.90	
87.	3.23	7	21.080	42.32	
89.	2.19	7	21.118	43.21	s.f. of 2

4071 9.0 3.7251 −0.0115 – 7.623 −0.499 27°1428

73.	2.28	3	7 29 22.112	27 50 7.37	
74.	3. 3	2	22.036	7.56	
75.	2. 4	3	22.057	7.05	
76.	3.10	3	22.079	7.14	+ 5′
76.	3.20	3	22.085	7.75	
78.	3.27	2	22.025	7.11	

4072 9.0 3.6787 −0.0107 – 7.631 −0.493 26°1611

74.	3 23	2	7 29 27.747	26 7 46.58	
74.	3.25	2	27.807	46.53	
88.	3.21	7	27.836	46.11	

4073 9.3 3.6675 −0.0105 – 7.634 −0.491 25°1717

74.	2.20	1	7 29 30.374	25 42 40.36	Z.C. δ 39″.8
80.	3.19	3	30.488	39.86	
80.	3.24	3	30.428	39.12	

4074 8.9 3.7711 −0.0123 – 7.635 −0.505 29°1562

74.	2.27	3	7 29 30.988	29 28 41.03	w. 6 – 1^{s}
75.	2.25	3	30.797	40.22	
75.	3.15	3	30.796	41.51	
76.	3.15	3	30.852	41.07	
77.	3.16	3	30.958	42.16	

4075 9.1 3.6572 −0.0104 – 7.648 −0.489 25°1718

74.	3. 2	3	7 29 40.054	25 19 51.11	Z.C. δ 50″.6
80.	3. 9	3	40.273	51.07	Z.C. Ep. 78.5
81.	3. 1	3	40.096	49.72	

4076 9.4 3.6854 −0.0109 – 7.649 −0.494 26°1612

81.	3.15	3	7 29 41.601	26 23 10.12	Z.C. δ 10″.3
81.	3.19	3	41.360	10.43	

4077 9.3 3.7310 −0.0116 – 7.669 −0.499 28°1425

89.	3. 4	7	7 29 55.940	28 4 1.75	
89.	3.15	7	55.758	4.18	v. ft.

4078 8.2 3.7295 −0.0116 – 7.677 −0.499 28°1426

73.	3.13	3	7 30 1.730	28 0 58.53	D – 10″
74.	2.17	3	1.872	59.49	
76.	3.11	3	1.916	59.59	

4079 9.3 3.7297 −0.0116 – 7.680 −0.499 — —

76.	3.11	2	7 30 3.834	28 1 43.80	
89.	3. 5	7	3.677	43.57	+ 5′

4080 $8^{m}.9$ $3^{s}.7447$ $-0^{s}.0120$ – $7''.729$ $-0''.501$ 28°1427

74.	2.17	2	$7^{h}30^{m}40^{s}.367$	28° 35′ 47″.99	Z.C. δ 48″.4
74.	3.18	3	40.191	48.78	
75.	3. 9	3	40.325	49.01	
80.	2.28	2	40.259	47.69	

4081 9.4 3.7004 −0.0113 – 7.730 −0.494 — —

80.	3.13	3	7 30 41.221	26 59 7.46	Z.C. δ 6″.0
80.	3.25	3	41.461	4.62	

4082 9.5 3.6633 −0.0106 – 7.731 −0.490 25°1724

73.	3.22	3	7 30 42.048	25 35 61.55	
74.	2.20	2	42.295	60.11	
75.	3. 5	3	42.109	58.14	

4083 9.4 3.7802 −0.0127 – 7.734 −0.506 29°1565

74.	2.27	3	7 30 44.195	29 50 55.28	
74.	3.26	3	44.101	56.41	
75.	2.25	3	44.026	56.40	
76.	2.29	3	44.169	57.84	
77.	2.28	3	44.049	55.79	v. ft.

4084 8.9 3.7444 −0.0121 – 7.735 −0.501 28°1428

74.	3.18	3	7 30 44.999	28 35 21.05	
75.	3. 9	2	45.025	21.58	
77.	3.22	3	45.132	22.54	
80.	2.28	3	44.981	19.64	

4085 8.8 3.7025 −0.0113 – 7.737 −0.494 27°1430

73.	2.28	3	7 30 46.745	27 3 58.10	
74.	3. 3	3	46.675	58.36	
76.	3.10	3	46.587	58.41	
78.	3.27	3	46.691	58.11	

4086 9.1 3.6465 −0.0104 – 7.737 −0.487 25°1725

87.	3.10	5	7 30 46.943	24 58 1.89	
87.	3.11	7	46.781	1.72	
87.	3.18	7	46.896	2.31	

4087 8.9 3.6567 −0.0105 – 7.742 −0.488 25°1727

77.	3.19	3	7 30 50.238	25 21 19.43	– 10^{s}
78.	3.16	3	50.320	19.39	
80.	3.10	3	50.348	17.41	
80.	3.24	3	50.198	21.33	
81.	3.15	3	50.189	20.14	§

4088 9.3 3.6788 −0.0109 – 7.749 −0.492 26°1616

74.	3.23	3	7 30 55.156	26 11 34.63	
74.	3.25	3	55.166	35.64	
75.	3. 3	3	55.155	34.34	
76.	3.18	3	55.112	33.98	
77.	3.10	3	55.135	35.23	– 10′

4089 9.2 3.7053 −0.0114 – 7.753 −0.495 27°1432

74.	2. 4	3	7 30 58.202	27 10 42.86	
76.	3.20	3	58.266	43.35	

4090 9.2 3.6751 −0.0108 – 7.771 −0.491 26°1618

76.	3. 7	3	7 31 11.850	26 3 51.52	
89.	3.12	7	11.714	51.08	
90.	3.11	7	11.774	50.83	

4091	$9^m.5$	$3^s.7499$	$-0^s.0122$	$-\ 7''.777$	$-0''.501$	28°1431
73.	3.13	3	$7^h 31^m 16^s.199$	$28^\circ 48' 18''.96$		Z.C. δ 19″.1
80.	3.17	3	16.070	19.08		v. ft.
80.	3.18	3	16.080	18 84		
80.	3.19	3	16.153	19.61		
4092	9.0	3.7568	−0.0123	− 7.791	−0.502	29°1568
75.	2.25	3	7 31 26.858	29 3 37.39		
75.	3.15	3	26.645	36.54		
80.	3. 9	3	26.816	38.58		
80.	3.15	2	26.817	37.65		
4093	9.4	3.7234	−0.0118	− 7.806	−0.497	27°1436
73.	2.28	3	7 31 38.036	27 52 2.03		
74.	3. 3	3	38.112	3.31		
76.	3.10	3	38.192	3.57		
4094	8.9	3.7107	−0.0116	− 7.810	−0.495	27°1438
75.	2. 4	3	7 31 40.824	27 24 29.64		
76.	3.20	1	41.081	31.01		
77.	3.17	3	40.896	29.64		
77.	3.17	3	40.856	29.93		
4095	9.0	3.7787	−0.0128	− 7.811	−0.503	29°1570
74.	3.26	3	7 31 41.633	29 50 32.69		
75.	3.15	3	41.767	33.11		
76.	2.29	3	41.865	32.96		
77.	3.16	3	41.932	32.38		
4096	9.0	3.7303	−0.0119	− 7.815	−0.498	28°1432
74.	2.17	2	7 31 44.963	28 7 18.81		
74.	3.18	2	44.873	18.37		
80.	3.24	3	44.719	18.71		
82.	3.13	3	44.791	18.68		
4097	9.3	3.6718	−0.0109	− 7.816	−0.490	— —
74.	3. 2	3	7 31 45.521	25 57 45.37		†
4098	9.5	3.7377	−0.0121	− 7.833	−0.499	— —
80.	3.13	2	7 31 58.070	28 24 10.07		†Z.C. δ 10″.1
4099	9.4	3.7373	−0.0121	− 7.841	−0.499	28°1433
75.	3. 9	3	7 32 3.861	28 23 24.82		Z.C. δ 23″.3
80.	3.10	3	3.885	21.16		
80.	3.13	2	3.622	23.83		
4100	8.5	3.6992	−0.0114	− 7.852	−0.493	27°1440
74.	3. 3	1	7 32 11.744	27 0 24.67		
78.	3.27	3	11.737	25.60		
4101	9.1	3.6731	−0.0109	− 7.852	−0.490	26°1620
74.	3.23	3	7 32 11.824	26 1 46.41		
75.	3. 3	3	11.792	48.46		
76.	3.18	3	11.754	46.25		
4102	9.3	3.7081	−0.0116	− 7.865	−0.494	27°1442
80.	3.17	3	7 32 21.537	27 20 27.60		
80.	3.18	3	21.597	28.32		
81.	3.19	3	21.521	27.38		
4103	8.5	3.7151	−0.0117	− 7.871	−0.495	27°1443
80.	3.25	3	7 32 26.519	27 35 60.28		
81.	3.15	3	26.576	58.70		+ 5′
81.	3.26	3	26.619	58.20		

4104	$8^m.9$	$3^s.7567$	$-0^s.0125$	$-\ 7''.882$	$-0''.500$	29°1575
74.	2.27	3	$7^h 32^m 34^s.312$	$29^\circ\ 6'\ 31''.56$		
74.	3.26	3	34.142	34.33		
4105	9.0	3.6887	−0.0113	− 7.890	−0.491	26°1624
74.	3.25	3	7 32 40.220	26 38 11.91		
77.	3.10	3	40.394	11.86		
77.	3.14	3	40.169	12.06		
77.	3.23	2	40.258	12.79		
4106	9.0	3.7260	−0.0120	− 7.898	−0.496	28°1435
73.	3.13	3	7 32 46.276	28 0 39.54		
76.	3.11	3	46.120	39.51		
77.	3. 8	3	46.206	39.33		
77.	3. 8	2	46.302	40.31		+ 1^s
77.	3.22	3	46.286	41.99		
4107	9.1	3.7680	−0.0128	− 7.901	−0.501	29°1576
74.	3.26	1	7 32 48.667	29 31 10.68		
77.	2.28	3	48.940	11.68		
77.	3.16	3	48.933	10.52		
4108	9.1	3.7565	−0.0125	− 7.903	−0.499	29°1577
74.	2.27	3	7 32 49.840	29 6 47.63		Z.C. δ 46″.8
75.	2.25	2	49.786	46.50		
80.	3.19	3	49.685	46.23		
4109	8.9	3.7565	−0.0125	− 7.907	−0.499	29°1578
75.	2.25	2	7 32 52.666	29 6 59.28		
75.	3.15	3	52.711	59.38		
76.	2.29	3	52.808	58.47		
77.	3.21	3	52.989	60.24		
80.	3.19	3	52.886	58.87		
4110	9.3	3.7084	−0.0117	− 7.908	−0.494	27°1444
81.	3. 1	3	7 32 53.892	27 22 18.76		†Z.C. δ 18″.8
4111	9.5	3.7504	−0.0125	− 7.917	−0.499	28°1436
74.	3.18	2	7 33 0.467	28 54 13.39		
80.	2.28	3	0.576	13.57		
80.	3.10	3	0.684	12.15		
4112	8.7	3.7317	−0.0121	− 7.922	−0.497	28°1438
77.	3.22	2	7 33 4.571	28 13 52.54		
80.	3. 9	3	4.514	51.85		
80.	3.18	3	4.463	51.12		
80.	3.25	3	4.519	50.99		
81.	3. 8	3	4.386	50.33		
4113	Not found on revision; not found on Oxford photograph 01.3.27. The catalogue place is 1′ wrong: see appendix 4113^a					
4114	9.0	3.7437	−0.0123	− 7.934	−0.498	28°1440
73.	3.13	3	7 33 13.403	28 40 26.79		Z.C. δ 26″.9
74.	2.17	2	13.302	27.40		
80.	3.17	2	13.371	26.63		
4115	9.1	3.6977	−0.0115	− 7.936	−0.492	27°1447
75.	2. 4	3	7 33 14.487	26 59 35.88		− 1 int.
76.	3.20	2	14.238	36.52		
77.	3.17	3	14.524	35.83		
78.	3.27	3	14.534	35.85		
80.	3.15	3	14.469	36.80		
80.	3.24	3	14.271	36.56		

4116 $9^{\mathrm{m}}0$ $3^{\mathrm{s}}7233$ $-0^{\mathrm{s}}0120$ − $7''937$ $-0''497$ 27°1446

73.	2.28	3	$7^{\mathrm{h}}33^{\mathrm{m}}15^{\mathrm{s}}227$	$27^\circ\,56'\ 9''31$	
74.	3. 3	2	15.281	9.84	
76.	3.10	3	15.388	9.91	

4117 8.0 3.6512 −0.0108 − 7.954 −0.485 25°1738

73.	3. 8	3	7 33 28.018	25 15 11.18	
73.	3.22	3	27.998	11.78	
74.	2.20	3	27.962	11.44	
74.	3. 2	3	27.938	10.71	B+ $10''$
75.	3. 5	3	27.953	11.13	

4118 9.0 3.7203 −0.0120 − 7.956 −0.494 27°1449

88.	3.21	7	7 33 29.966	27 50 13.61	
90.	3.15	7	29.933	14.55	

4119 8.5 3.6754 −0.0112 − 7.969 −0.488 26°1625

74.	3.23	3	7 33 39.256	26 10 35.44	
74.	3.25	3	39.124	35.05	
75.	3. 3	3	39.098	35.14	
76.	3.18	3	39.085	35.70	
77.	3.10	3	39.224	34.96	
77.	3.23	3	39.276	34.31	

4120 9.4 3.7102 −0.0119 − 8.034 −0.492 27°1451

74.	3. 3	2	7 34 27.946	27 30 37.13	
80.	2.28	2	28.251	38.13	
81.	3. 1	3	28.075	36.47	
81.	3.15	3	28.328	37.01	v. ft.
90.	3.17	5	28.523	35.21	

4121 9.4 3.6735 −0.0113 − 8.048 −0.486 26°1628

75.	3. 3	3	7 34 38.122	26 8 54.84	
76.	3.18	3	38.372	54.97	ex. ft.
77.	3.14	3	38.147	54.10	

4122 9.4 3.6635 −0.0112 − 8.049 −0.486 25°1740

73.	3.22	3	7 34 38.802	25 46 24.87	w. $4-3^{\mathrm{s}}+1$ [int.
74.	3. 2	3	38.898	26.12	
80.	3.24	3	39.254	25.53	

4123 9.3 3.7145 −0.0121 − 8.052 −0.492 27°1453

74.	2. 4	3	7 34 41.199	27 40 47.60	
76.	3.10	3	41.311	47.58	
80.	3.25	3	41.230	45.91	

4124 9.5 3.7394 −0.0125 − 8.055 −0.496 28°1446

75.	3. 9	3	7 34 43.500	28 34 60.34	Z.C. δ $59''4$
81.	3.19	3	43.576	59.29	
82.	3.13	3	43.630	58.57	

4125 8.7 3.7038 −0.0119 − 8.058 −0.491 27°1454

81.	3.26	3	7 34 46.106	27 17 7.09	
84.	3.12	4	45.910	9.28	
84.	3.14	3	46.047	8.81	
84.	3.15	4	45.930	8.65	

4126 8.2 3.7542 −0.0128 − 8.066 −0.497 29°1587

75.	2.25	3	7 34 52.175	29 7 29.57	
77.	2.28	3	52.026	30.39	
77.	2.28	2	52.016	30.67	
77.	3.16	3	52.068	29.23	
77.	3.21	2	52.190	31.14	
87.	3.18	7	52.111	30.02	

4127 $8^{\mathrm{m}}9$ $3^{\mathrm{s}}7823$ $-0^{\mathrm{s}}0134$ − $8''082$ $-0''501$ 30°1553

75.	2.25	2	$7^{\mathrm{h}}35^{\mathrm{m}}\ 3^{\mathrm{s}}688$	$30^\circ\ 7'\ 34''64$	clds. v. ft.
75.	3.15	3	3.703	34.79	
76.	2.29	3	3.824	34.83	
77.	3.16	3	3.998	34.76	

4128 9.0 3.6761 −0.0115 − 8.091 −0.487 26°1630

76.	3.18	3	7 35 10.635	26 16 17.39	
77.	3.14	2	10.640	15.84	

4129 9.1 3.7659 −0.0131 − 8.091 −0 499 29°1588

87.	3.16	7	7 35 10.799	29 33 24.40	
91.	3.16	7	10.618	25.35	
91.	3.21	6	10.744	24.19	

4130 9.0 3.7520 −0.0128 − 8.102 −0.497 29°1589

93.	3. 8	7	7 35 19.313	29 4 1.12	
93.	3.10	7	19.156	3.49	

4131 9.4 3.7078 −0.0121 − 8.107 −0.491 27°1457

80.	3.17	3	7 35 22.950	27 27 43.28	s. p. of 2
80.	3.25	3	23.075	43.65	Z.C. δ $43''5$

4132 5.0 3.7550 −0.0129 − 8.117 −0.497 29°1590

76.	2.29	3	7 35 29.931	29 10 61.86	
80.	3.18	3	29.683	60.99	
92.	3. 8	7	29.996	59.74	
92.	3.14	7	29.886	59.04	

4133 9.4 3.6565 −0.0111 − 8.122 −0.483 25°1744

74.	3. 2	2	7 35 34.230	25 32 55.25	
81.	3.16	2	34.318	54.73	
85.	2.27	4	34.432	53.58	− 1′

4134 8.9 3.7395 −0.0128 − 8.124 −0.495 28°1453

76.	3.11	3	7 35 35.555	28 37 46.48	
77.	3. 8	3	35.638	45.72	
80.	3.19	3	35.599	44.92	

4135 9.5 3.6565 −0.0112 − 8.133 −0.484 25°1745

74.	3. 2	3	7 35 42.139	25 33 10.61	Z.C. δ $11''2$
80.	2.28	2	42.273	11.78	

4136 8.5 3.6918 −0.0119 − 8.142 −0.489 26°1631

81.	3.19	3	7 35 48.660	26 53 17.16	
81.	3.26	3	48.775	17.61	
84.	3.21	2	48.836	15.79	
84.	3.24	3	48.785	17.96	

4137 9.1 3.6662 −0.0114 − 8.146 −0.485 25°1746

78.	2.15	3	7 35 51.752	25 55 50.27	Z.C. δ $48''9$
80.	3.10	3	51.955	47.45	
81.	3.17	3	51.990	49.07	

4138 9.3 3.6662 −0.0114 − 8.155 −0.485 — —

78.	2.15	3	7 35 58.653	25 55 60.99	+ 1′
80.	3.10	3	58.805	57.98	Z.C. δ $59''5$

4139 9.5 3.6769 −0.0116 − 8.160 −0.486 26°1632

94.	2. 9	7	7 36 2.465	26 20 15.43	
94.	2.20	6	2.395	14.18	

4139^{a}	$9^{m}5$	$3^{s}6398$	$-0^{s}0109$	− 8″165	−0″481	24°1752
96. 2.11	7	$7^{h}36^{m}\ 6^{s}363$	24° 55′ 30″74			
96. 2.22	7	6.539	30.01			v. ft. p. of 2
96. 3. 4	7	6.039	34.99			v. ft.
4140	8.9	3.7688	−0.0133	− 8.169	−0.499	29°1593
75. 2.25	2	7 36 9.090	29 42 1.98			
76. 2.29	1	9.206	0.96			
4141	8.9	3.7057	−0.0122	− 8.193	−0.489	27°1460
74. 3. 3	3	7 36 27.581	27 26 19.42			
75. 2. 4	3	27.591	16.94			
78. 3.27	3	27.547	17.69			
80. 3.18	3	27.585	17.09			
4142	9.0	3.6348	−0.0108	− 8.194	−0.480	24°1756
90. 3.15	7	7 36 27.776	24 44 59.20			† −5′. Z.C. α $27^{s}78$
4143	6.3	3.6695	−0.0115	− 8.196	−0.485	26°1633
84. 3.14	3	7 36 29.339	26 4 47.04			
84. 3.15	4	29.256	47.33			
84. 3.24	4	29.276	46.29			
4144	9.4	3.6921	−0.0119	− 8.200	−0.488	26°1634
80. 3.24	3	7 36 32.176	26 56 4.00			Z.C. α $32^{s}45$
85. 3.14	2	32.721	3.87			
4145	9.5	3.7069	−0.0122	− 8.204	−0.489	27°1461
74. 3. 3	1	7 36 35.830	27 29 12.08			†
4146	9.4	3.7068	−0.0122	− 8.222	−0.489	27°1463
86. 3. 9	7	7 36 49.246	27 29 27.35			
93. 3.11	5	49.500	28.47			
4147	8.6	3.7144	−0.0124	− 8.226	−0.490	27°1464
78. 3.27	3	7 36 52.023	27 46 36.06			
81. 3.26	3	52.146	36.44			
84. 3.15	3	51.845	36.00			
4148	9.1	3.6866	−0.0119	− 8.238	−0.486	26°1637
80. 3.10	2	7 37 0.783	26 44 55.17			Z.C. δ 56″3
81. 3.19	2	0.749	57.46			
4149	9.1	3.7485	−0.0132	− 8.289	−0.494	29°1594
77. 2.28	3	7 37 39.624	29 3 5.00			
80. 3.25	3	39.647	4.04			
81. 3.16	3	39.464	3.87			
4150		Fundamental Star				28°1463
4151	9.0	3.7425	−0.0131	− 8.303	−0.494	28°1464
80. 2.28	3	7 37 49.899	28 50 33.59			+ 5′
80. 3.17	3	49.786	32.64			+ 1^{s}
81. 3.26	2	49.803	33.46			+ 5′
84. 3.14	5	49.893	34.06			Z.C. δ 33″4
4152	8.1	3.6733	−0.0117	− 8.308	−0.484	26°1638
77. 3.10	3	7 37 54.113	26 17 16.54			Z.C. δ 16″7
77. 3.14	3	53.937	16.91			
80. 3.24	3	53.932	16.59			

4153	$8^{m}9$	$3^{s}6405$	$-0^{s}0111$	− 8″313	−0″479	25°1751
74. 3. 2	3	$7^{h}37^{m}57^{s}547$	25° 2′ 8″35			Z.C. δ 8″2
80. 3.18	3	57.586	8.35			
80. 3.19	3	57.545	7.98			
4154	9.0	3.7480	−0.0132	− 8.315	−0.494	29°1597
76. 2.29	3	7 37 58.679	29 2 58.16			
77. 2 28	3	58.495	58.43			
91. 3.16	7	58.631	57.62			
91. 3.21	7	58.684	57.12			
4155	8.9	3.6883	−0.0120	− 8.332	−0.486	26°1640
77. 3.10	2	7 38 11.881	26 51 51.80			
77. 3.14	1	11.585	50.61			
80. 3.25	3	11.704	51.39			
4156	8.0	3.6926	−0.0121	− 8.333	−0.486	27°1470
74. 3. 3	3	7 38 12.604	27 1 32.06			
78. 3.27	3	12.627	31.26			
4157	9.2	3.7537	−0.0134	− 8.347	−0.494	29°1599
75. 2.25	3	7 38 23.007	29 16 34.00			Z.C. δ 32″6
81. 3.16	3	22.993	33.25			
81. 3.19	3	23.191	31.57			
82. 3.13	1	23.244	31.68			
4158	9.4	3.6730	−0.0119	− 8.402	−0.483	— —
74. 3.25	1	7 39 4.974	26 19 43.36			
94. 2. 9	5	4.718	43.42			§
95. 2.13	6	4.921	43.76			
4159	9.5	3.7660	−0.0137	− 8.404	−0.495	29°1603
80. 3.13	3	7 39 6.227	29 44 58.51			Z.C. δ 58″8
80. 3.19	3	6.169	59.15			
4160	9.0	3.6725	−0.0119	− 8.405	−0.483	26°1645
74. 3.23	3	7 39 6.605	26 18 36.90			
94. 2. 8	5	6.558	35.25			
4161	8.6	3.6727	−0.0119	− 8.423	−0.483	26°1647
74. 3.23	3	7 39 20.743	26 19 41.88			
76. 3. 7	1	20.919	42.53			*
77. 3.23	3	20.647	41.00			
90. 3.29	5	20.767	42.55			
4162	9.0	3.7695	−0.0139	− 8.436	−0.495	29°1606
74. 3.26	3	7 39 30.228	29 53 41.69			
80. 3.17	3	30.271	40.96			
81. 3. 8	3	30.328	41.44			
4163	9.0	3.6422	−0.0114	− 8.443	−0.478	25°1759
73. 3. 8	3	7 39 35.305	25 10 20.76			
73. 3.22	3	35.361	22.39			
74. 3. 2	3	35.338	21.08			
75. 3. 5	3	35.495	20.56			
4164	9.5	3.7393	−0.0133	− 8.450	−0.491	— —
74. 3.18	3	7 39 41.232	28 49 12.03			†
4165	9.5	3.7643	−0.0138	− 8.452	−0.494	29°1608
80. 3.18	3	7 39 42.881	29 43 12.26			
94. 2.20	5	42.349	12.82			

4166 $9^{m}0$ $3^{s}6395$ $-0^{s}0114$ − 8″468 −0″477 25°1762
74. 3. 2 3 $7^{h}39^{m}54^{s}375$ 25° 4′ 52″72
77. 3.19 3 54.199 52.06
78. 3.16 3 54.616 52.62

4167 9.5 3.7654 −0.0139 − 8.468 −0.494 29°1610
80. 3.19 2 7 39 54.808 29 46 17.20 Z.C. δ 16″9
80. 3.24 3 54.813 16.87
81. 3.19 3 54.922 16.54 v. ft.
90. 3.15 5 54.647 17.41 § v. ft.

4168 9.5 3.7603 −0.0138 − 8.473 −0.493 29°1611
80. 3.15 3 7 39 58.229 29 35 25.79 † Z.C. δ 25″8

4169 8.8 3.6573 −0.0118 − 8.474 −0.480 25°1763
78. 2.15 3 7 39 58.638 25 46 24.64
88. 3.15 7 59.038 23.96 v. ft.
94. 2.22 7 58.783 28.73

4170 9.4 3.7593 −0.0137 − 8.481 −0.493 29°1612
75. 2.25 3 7 40 4.231 29 33 25.98 Z.C. δ 25″8
80. 3.13 3 4.073 25.25
80. 3.25 3 4.009 26.21

4171 9.5 3.6710 −0.0121 − 8.486 −0.482 26°1648
74. 3.23 2 7 40 8.356 26 17 57.31 †

4172 8.7 3.7566 −0.0137 − 8.488 −0.493 29°1613
76. 2.29 3 7 40 10.080 29 27 57.49
77. 2.28 3 9.846 57.01
77. 3.16 2 10.033 56.88

4173 7.5 3.7429 −0.0134 − 8.491 −0.491 29°1614
74. 2.27 3 7 40 12.097 28 58 20.71
76. 3.15 2 11.847 20.75
77. 3.21 3 11.983 21.74 ex. ft.

4174 9.2 3.6911 −0.0124 − 8.501 −0.484 27°1479
76. 3.10 3 7 40 19.684 27 3 58.63 †

4175 9.0 3.6477 −0.0116 − 8.507 −0.478 25°1764
73. 3. 8 2 7 40 24.169 25 25 24.37
73. 3.22 1 24.285 26.42
75. 3. 5 3 24.321 24.45

4176 9.5 3.7392 −0.0134 − 8.521 −0.490 28°1469
74. 2.17 3 7 40 34.581 28 51 34.86 †

4177 9.0 3.6698 −0.0121 − 8.527 −0.481 26°1652
75. 3. 3 3 7 40 38.917 26 16 36.04 Z.C. δ 35″9
76. 3.18 3 39.095 35.82
77. 3.10 3 39.051 35.33
77. 3.10 3 39.061 36.38

4178 7.2 3.7449 −0.0135 − 8.530 −0.490 29°1615
74. 3.26 3 7 40 41.873 29 4 15.78
75. 3.15 3 41.648 16.45

4179 8.6 3.7488 −0.0136 − 8.554 −0.491 29°1616
76. 2.29 3 7 40 59.457 29 13 35.16 s. of 2
80. 3.17 3 59.299 34.49 Z.C. δ 35″0
80. 3.18 3 59.267 35.34

4180 $9^{m}2$ $3^{s}7125$ $-0^{s}0130$ − 8″566 −0″487 27°1482
74. 3. 3 3 $7^{h}41^{m}$ $8^{s}835$ 27° 54′ 11″69 Z.C. δ 11″9
78. 3.27 3 8.891 12.09

4181 9.4 3.7451 −0.0136 − 8.571 −0.490 29°1618
75. 2.25 3 7 41 12.104 29 6 15.95 Z.C. δ 15″3
80. 3.24 3 12.391 14.63

4182 9.1 3.7361 −0.0134 − 8.573 −0.489 28°1473
75. 3. 9 3 7 41 14.110 28 46 46.19
89. 3. 5 7 14.053 45.46
89. 3.15 6 14.049 45.63

4183 8.0 3.7390 −0.0135 − 8.574 −0.490 28°1474
73. 3.13 3 7 41 14.412 28 52 55.94
74. 2.17 3 14.698 56.64
76. 3.11 3 14.630 57.55
77. 3. 8 3 14.614 57.30

4184 9.1 3.6842 −0.0125 − 8.586 −0.482 26°1654
74. 3.25 3 7 41 23.463 26 51 48.81
75. 3. 3 3 23.458 47.61
76. 3. 7 2 23.666 48.60 + $0^{s}5$
76. 3.18 2 23.759 47.44
77. 3.14 3 23.519 48.21
77. 3.14 2 23.439 47.94
77. 3.23 3 23.574 47.70

4185 8.3 3.7361 −0.0135 − 8.594 −0.489 28°1476
74. 3.18 3 7 41 29.817 28 47 22.07
75. 3. 9 2 30.024 20.88
77. 3.22 3 29.764 23.27

4186 9.3 3.7461 −0.0137 − 8.596 −0.490 29°1619
80. 3.23 3 7 41 31.588 29 9 17.87
92. 3.19 7 31.858 17.33
92. 3.25 4 31.756 19.08

4187 9.5 3.6306 −0.0115 − 8.605 −0.475 24°1776
93. 3.16 5 7 41 38.353 24 48 42.16
94. 2.24 4 37.844 39.42

4188 8.6 3.6890 −0.0126 − 8.615 −0.482 27°1485
73. 2.28 3 7 41 45.601 27 3 37.20
73. 3.14 3 45.578 38.69
76. 3.10 2 45.636 38.71
76. 3.20 3 45.494 39.12

4189 7.4 3.6301 −0.0115 − 8.617 −0.474 24°1777
87. 3.10 7 7 41 47.183 24 47 55.02 f. of 2. C + 10″
87. 3.11 7 47.162 55.60
88. 3.21 7 47.236 56.34

4190 9.5 3.7108 −0.0130 − 8.626 −0.485 27°1486
74. 3. 3 3 7 41 54.610 27 52 48.29
75. 3. 4 3 54.565 49.78 w. 6 + 10^{s}

4191 8.5 3.6453 −0.0118 − 8.629 −0.476 25°1768
73. 3. 8 3 7 41 56.288 25 24 7.96
73. 3.22 3 56.330 9.82
74. 3. 2 3 56.205 8.35
77. 3.19 3 56.250 8.33
77. 3.19 3 56.230 8.69
78. 3.16 3 56.451 8.08

4192	$9^{m}.0$	$3^{s}.6773$	$-0^{s}.0124$	$-8''.632$	$-0''.480$	26°1655
78.	3.12	3	$7^{h}41^{m}58^{s}.927$	26° 37′ 49″.51		Z.C. Ep. 84.2
87.	3.12	7	58.921	49.08		
87.	3.23	7	58.757	48.33		
4193	9.0	3.7318	−0.0135	− 8.636	−0.488	28°1480
74.	3.18	3	7 42 2.151	28 39 39.33		
76.	3.11	3	2.159	39.62		
77.	3. 8	3	2.247	39.07		
4194	7.0	3.6756	−0.0124	− 8.646	−0.480	26°1656
74.	3.25	3	7 42 9.573	26 34 28.83		
78.	3.12	2	9.473	28.82		-5^{s}
91.	3.16	7	9.571	27.76		
91.	3.21	7	9.609	28.55		
4195	9.1	3.7070	−0.0130	− 8.647	−0.484	27°1488
75.	2. 4	3	7 42 10.355	27 45 20.06		
76.	3.20	3	10.395	20.26		
78.	3.27	3	10.354	18.70		
4196	9.1	3.6740	−0.0124	− 8.649	−0.480	26°1657
80.	3.13	3	7 42 11.634	26 30 47.09		
80.	3.15	3	11.933	47.00		
80.	3.19	3	11.560	46.95		
81.	3.26	3	11.673	47.35		
82.	3. 7	2	11.602	46.89		
87.	3.16	7	11.847	43.86		
90.	3.17	7	11.800	46.61		
90.	3.29	6	11.829	45.77		
4197	7.2	3.7274	−0.0134	− 8.650	−0.487	28°1482
74.	2.17	2	7 42 12.324	28 30 35.53		
77.	3.22	3	12.406	35.63		
4198	7.9	3.7048	−0.0130	− 8.651	−0.484	27°1490
73.	2.28	3	7 42 13.295	27 40 24.88		
73.	3.14	3	13.191	26.97		
77.	3.17	3	13.301	26.65		
4199	8.7	3.6827	−0.0125	− 8.661	−0.481	26°1658
74.	3.23	3	7 42 20.588	26 50 56.79		Z.C. δ 56″.7
76.	3 18	1	20.833	56.05		
92.	3. 8	7	20.743	58.08		
92.	3.24	7	20.632	55.75		
4200	9.5	3.7663	−0.0143	− 8.668	−0.491	— —
80.	3.17	2	7 42 26.192	29 55 43.54		
81.	3. 1	3	26.673	41.95		
4201	9.5	3.7164	−0.0132	− 8.672	−0.485	28°1483
94.	2.20	7	7 42 29.473	28 7 10.12		
94.	2.22	7	29.529	11.39		
94.	2.24	3	29.114	10.52		
4202	7.9	3.7416	−0.0138	− 8.675	−0.488	29°1622
74.	2.27	3	7 42 31.452	29 2 37.97		
74.	3.26	3	31.327	38.92		
75.	2.25	3	31.324	38.42		
75.	3.15	3	31.455	38.52		
77.	3 16	3	31.253	38.35		

4203	$9^{m}.0$	$3^{s}.7662$	$-0^{s}.0143$	$-8''.681$	$-0''.491$	29°1623
76.	2.29	3	$7^{h}42^{m}35^{s}.923$	29° 55′ 52″.47		
76.	3.15	3	36.013	52.14		
77.	2.28	3	35.920	55.04		
80.	3.17	3	35.913	52.29		
81.	3. 1	2	36.234	52.26		
81.	3. 8	3	35.984	52.48		
81.	3. 8	3	36.024	52.71		
81.	3.15	3	35.923	52.06		
81.	3.15	2	35.913	52.16		
4204	8.8	3.6299	−0.0116	− 8.696	−0.473	24°1783
87.	3.18	5	7 42 47.271	24 50 25.09		
90.	3.14	7	47.005	26.26		
90.	3.15	7	47.088	27.09		
4205	9.1	3.7672	−0.0143	− 8.700	−0.491	30°1579
77.	3.21	3	7 42 50.432	29 58 50.39		ft.
80.	3.18	3	50.284	50.53		
80.	3.25	3	50.380			§ No micr.
4206	8.3	3.6441	−0.0119	− 8.743	−0.474	25°1773
73.	3. 8	3	7 43 23.316	25 25 25.89		
73.	3.22	3	23.409	26.88		
74.	3. 2	3	23.297	26.21		
75.	3. 5	3	23.464	26.52		
78.	3.16	3	23.353	26.57		
4207	8.8	3.7158	−0.0134	− 8.752	−0.484	28°1488
73.	3.13	3	7 43 29.968	28 8 43.65		
74.	2.17	2	30.335	43.40		
74.	3.18	3	30.022	43.57		
75.	3. 9	3	30.112	43.89		
77.	3. 8	3	30.220	44.49		
77.	3.22	3	30.194	44.61		
4208	8.7	3.6763	−0.0126	− 8.758	−0.478	26°1661
74.	3.23	3	7 43 34.814	26 40 22.28		
74.	3.25	3	34.802	21.39		
75.	3. 3	3	34.755	21.80		
77.	3.14	3	34.957	21.49		
77.	3.23	3	34.890	20.78		
4209	7.3	3.7521	−0.0142	− 8.763	−0.488	29°1624
74.	2.27	3	7 43 38.881	29 28 56.82		
74.	3.26	3	38.864	56.38		
75.	3.15	3	38.834	57.55		
4210	9.1	3.7448	−0.0140	− 8.774	−0.487	29°1625
75.	2.25	3	7 43 47.146	29 13 19.88		
77.	3.16	3	47.247	19.73		
87.	3.12	5	47.154	22.29		
4211	9.3	3.7564	−0.0143	− 8.794	−0.489	29°1626
80.	3.13	3	7 44 2.518	29 39 23.58		Z.C. δ 23″.6
80.	3.19	3	2.366	24.20		
80.	3.23	3	2.682	23.00		
4212	8.2	3.7521	−0.0142	− 8.799	−0.488	29°1628
74.	2.27	3	7 44 5.948	29 29 45.57		Z.C. δ 46″.2
76.	3.15	3	5.825	46.19		
77.	3.21	3	5.937	46.47		
80.	3.24	3	5.686	45.70		
80.	3.25	3	5.807	46.52		
80.	3.25	2	5.897	46.58		

4213 $9^{\rm m}5$ $3^{\rm s}.7633$ −$0^{\rm s}.0145$ − 8″.809 −0″.490 29°1630

75.	3.15	3	$7^{\rm h}44^{\rm m}13^{\rm s}.217$	29° 54′ 52″.64	Z.C. δ 50″.9
80.	3.18	3	13.186	49.83	
81.	3. 1	3	13.475	50.20	

4214 8.0 3.6362 −0.0119 − 8.810 −0.472 25°1778

73.	3. 8	3	7 44 14.448	25 8 17.76	
74.	3. 2	3	14.507	16.58	
75.	3. 5	3	14.424	17.12	
89.	3. 5	7	14.517	16.28	+ $10^{\rm s}$
89.	3.15	7	14.667	16.30	

4215 9.0 3.6368 −0.0119 − 8.811 −0.473 25°1779

73.	3.22	2	7 44 14.842	25 10 36.96	
74.	3. 2	1	14.958	36.94	
77.	3.19	3	14.928	37.16	
78.	2.15	2	14.880	36.13	

4216 9.3 3.6410 −0.0120 − 8.822 −0.473 25°1780

78.	2.15	3	7 44 23.681	25 20 52.55	
78.	3.16	3	23.789	51.40	
80.	3.23	2	23.868	52.76	
81.	3.17	3	23.919	53.52	

4217 9.5 3.7120 −0.0135 − 8.845 −0.481 28°1492

73.	3.13	2	7 44 41.474	28 4 2.24	†

4218 9.5 3.7396 −0.0140 − 8.849 −0.485 29°1633

74.	3.26	3	7 44 44.499	29 5 1.90	
76.	2.29	3	44.357	0.56	
80.	3.19	3	44.401	1.43	
82.	3. 7	3	44.593	1.74	

4219 9.4 3.6263 −0.0118 − 8.857 −0.470 24°1790

75.	3. 5	3	7 44 50.493	24 47 32.42	Z.C. δ 31″.4
80.	3.13	3	50.450	32.58	
87.	3.16	7	50.766	29.16	

4220 8.9 3.7659 −0.0146 − 8.864 −0.488 30°1590

74.	2.27	2	7 44 55.980	30 2 38.10	
75.	2.25	3	55.795	38.30	
77.	2.28	3	56.007	39.45	
77.	3.16	3	55.881	38.34	
77.	3.21	2	55.890	39.08	

4221 9.0 3.6998 −0.0133 − 8.868 −0.480 27°1497

73.	2.28	3	7 44 58.502	27 37 27.76	
73.	3.14	3	58.742	28.96	
75.	2. 4	3	58.647	28.73	
76.	3.10	3	58.704	29.73	
76.	3.20	3	58.671	29.31	
77.	3.17	3	58.653	27.89	
77.	3.17	3	58.613	29.05	
78.	3.27	3	58.640	28.96	

4222 8.9 3.6633 −0.0125 − 8.883 −0.475 26°1665

74.	3.23	3	7 45 10.335	26 15 0.52	
74.	3.25	3	10.293	0.32	
75.	3. 3	3	10.287	0.52	
76.	3.18	3	10 402	0.78	

4223 9.0 3.7113 −0.0135 − 8.887 −0.481 28°1494

73.	3.13	2	7 45 12.890	28 3 55.91	
74.	3.18	3	12.886	55.53	
77.	3. 8	3	13.085	55.51	
87.	3.18	7	13.141	56.06	

4224 $9^{\rm m}5$ $3^{\rm s}.7410$ −$0^{\rm s}.0141$ − 8″.897 −0″.485 29°1638

81.	3. 1	2	$7^{\rm h}45^{\rm m}21^{\rm s}.220$	29° 9′ 54″.83	† Z.C. δ 54″.8

4225 9.5 3.7375 −0.0140 − 8.907 −0.485 29°1639

82.	3. 7	3	7 45 28.855	29 2 44.23	†

4226 8.3 3.7154 −0.0136 − 8.913 −0.481 28°1496

74.	3.18	3	7 45 33.287	28 14 8.56	
77.	3.22	3	33.520	7.97	
80.	3.17	3	33.131	6.31	
90.	3.17	7	33.314	7.46	
90.	3.29	7	33.309	7.45	

4227 7.2 3.7190 −0.0137 − 8.919 −0.482 28°1497

75.	3. 9	3	7 45 37.366	28 22 19.83	
76.	3.25	3	37.488	21.17	−$0^{\rm s}.5$
77.	3. 8	3	37.386	19.29	

4228 9.0 3.6504 −0.0124 − 8.931 −0.473 25°1783

87.	3.10	7	7 45 46.940	25 46 42.10	n. f.
87.	3.11	7	46.886	42.12	n. f.
87.	3.23	7	46.715	43.04	c. d. n. f.

4229 5.0 3.6844 −0.0130 − 8.936 −0.477 27°1499

73.	2.28	3	7 45 50.832	27 5 12.12	
73.	3.14	3	50.664	14.61	
75.	2. 4	3	50.645	14.91	
76.	3.10	3	50.641	14.36	
76.	3.20	3	50.511	15.62	

4230 8.0 3.6789 −0.0130 − 8.956 −0.477 26°1668

74.	3.23	3	7 46 5.758	26 53 30.08	
75.	3. 3	3	5.611	30.40	w. 3 +.$1^{\rm s}$
76.	3. 7	3	5.574	29.35	
76.	3.18	3	5.667	30.60	
77.	3.23	3	5.648	29.30	
77.	3.23	2	5.628	29.26	

4231 9.1 3.6312 −0.0120 − 8.968 −0.470 25°1785

73.	3. 8	3	7 46 15.017	25 3 14.63	
92.	3. 8	5	15.270	16.78	
92.	3. 9	7	15.260	16.00	
92.	3.14	6	15.248	14.89	ft.
92.	3.19	7	15.165	14.41	
92.	3.24	7	15.024	14.19	
92.	3.25	7	15.105	14.53	
92.	3.28	7	15.294	17.25	

4232 8.3 3.7497 −0.0144 − 8.970 −0.485 29°1641

74.	3.26	3	7 46 16.654	29 32 6.10	
75.	3.15	3	16.639	7.14	
76.	2.29	3	16.573	6.16	
77.	2.28	3	16.533	7.93	

4233 9.1 3.6328 −0.0121 − 8.975 −0.470 25°1786

73.	3. 8	1	7 46 20.750	25 7 10.81	*
73.	3.22	3	20.450	12.76	
74.	3. 2	3	20.483	10.86	
75.	3. 5	3	20.432	11.20	
78.	2.15	3	20.572	12.72	

4234 9.2 3.7133 −0.0138 − 8.989 −0.480 28°1499

73.	3.13	3	7 46 31.495	28 12 31.35	
74.	3.18	2	31.228	31.68	
75.	3. 9	3	31.633	29.61	
80.	3.13	3	31.400	30.62	?v.c.d.
80.	3.17	3	31.308	28.86	

4235	9^m3	$3^s.7368$	$-0^s.0143$	$-8''.994$	$-0''.483$	29°1643
82.	3. 7	2	$7^h46^m34^s.984$	$29^\circ\ 4'\ 46''.83$		†
4236	9.5	3.6539	−0.0126	−8.995	−0.472	26°1671
74.	3.23	3	7 46 35.479	25 57 25.52		
74.	3.25	3	35.218	25.36		v. ft.
75.	3. 3	2	35.580	24.52		
88.	3.21	2	35.739	24.74		
4237	8.7	3.7433	−0.0144	−9.005	−0.484	29°1644
74.	2.27	3	7 46 43.999	29 19 31.33		
75.	2.25	3	43.899	30.95		clds. v.ft.
75.	3.15	3	43.917	32.04		
77.	3.16	3	44.059	30.79		
77.	3.21	3	44.008	30.86		
4238	8.5	3.6674	−0.0128	−9.015	−0.474	26°1673
78.	3.12	3	7 46 51.113	26 29 25.77		
80.	2.28	3	51.305	25.30		
80.	2.28	2	51.225	25.77		
80.	3.18	3	51.123	26.10		
81.	3.26	3	51.161	26.22		
4239	9.1	3.6644	−0.0128	−9.024	−0.473	26°1675
76.	3.18	3	7 46 58.093	26 22 43.28		Z.C. δ 42″.6
80.	3.18	2	57.902	42.01		
80.	3.19	2	57.895	42.50		
4240	9.5	3.6653	−0.0128	−9.025	−0.473	26°1674
80.	3.19	3	7 46 59.090	26 24 49.16		Z.C. δ 49″.3
80.	3.23	3	59.104	49.38		
4241	9.0	3.6426	−0.0124	−9.030	−0.471	25°1788
73.	3.22	3	7 47 3.113	25 32 14.97		
74.	3. 2	3	3.075	13.76		
75.	3. 5	3	3.061	13.87		
78.	3.16	3	3.157	14.65		
89.	3. 5	6	3.083	14.37		
4242	9.0	3.6647	−0.0128	−9.031	−0.473	26°1676
74.	3.25	2	7 47 3.780	26 23 31.17		Z.C. δ 30″.9
78.	3.12	2	3.643	30.98		
80.	3.13	2	3.572	31.05		−1 int.
80.	3.17	3	3.672	31.19		
80.	3.24	3	3.482	29.97		
4243	7.4	3.7256	−0.0142	−9.058	−0.481	28°1500
76.	3.25	3	7 47 24.726	28 42 40.02		$+0^s.5$
77.	3. 8	3	24.515	38.86		
77.	3.22	3	24.655	39.56		
4244	8.7	3.6906	−0.0134	−9.063	−0.476	27°1501
73.	2.28	3	7 47 28.513	27 24 14.25		
73.	3.14	3	28.625	15.18		
75.	2. 4	3	28.634	16.55		
75.	3. 4	3	28.474	15.69		
76.	3.10	3	28.562	17.03		
76.	3.20	3	28.490	17.38		
77.	3.17	3	28.437	14.48		
77.	3.17	3	28.497	15.56		
78.	3.27	3	28.624	16.17		
4245	9.1	3.6421	−0.0124	−9.068	−0.469	25°1791
73.	3.22	3	7 47 32.110	25 32 37.01		
89.	3.15	7	32.300	36.69		
4246	8^m4	$3^s.7463$	$-0^s.0147$	$-9''.078$	$-0''.483$	29°1645
76.	2.29	3	$7^h47^m39^s.887$	$29^\circ\ 29'\ 10''.88$		
77.	3.16	3	39.834	9.65		
77.	3.21	3	39.872	10.23		
4247	8.7	3.7287	−0.0143	−9.089	−0.481	28°1501
74.	3.18	3	7 47 47.658	28 50 48.98		
77.	3.22	3	47.836	49.27		ex. ft.
80.	3.25	3	47.770	48.62		
4248	9.4	3.6881	−0.0134	−9.106	−0.475	27°1503
75.	2. 4	3	7 48 1.114	27 20 16.47		†
4249	9.4	3.7350	−0.0145	−9.111	−0.481	29°1647
82.	3. 7	3	7 48 5.280	29 5 37.24		†
4250	8.6	3.7057	−0.0138	−9.127	−0.477	28°1502
73.	3.13	3	7 48 17.101	28 1 13.58		
75.	3. 9	3	17.311	12.98		
76.	3.25	3	17.219	14.78		
77.	3. 8	3	17.260	14.02		
4251	9.3	3.7410	−0.0146	−9.128	−0.482	29°1649
74.	2.27	3	7 48 17.788	29 19 31.78		haze
75.	2.25	3	17.994	34.32		
75.	3.15	3	17.899	33.44		
87.	3.12	1	17.829	33.01		
4252	7.5	3.6269	−0.0122	−9.142	−0.467	25°1794
73.	3. 8	3	7 48 29.188	24 59 33.86		+ 5′ − 1 int.
73.	3.22	3	29.166	33.52		
74.	3. 2	3	29.158	33.74		Z.C. δ 34″.3
77.	3.19	2	29.314	33.63		
77.	3.19	3	29.294	35.21		
78.	3.16	3	29.115	35.98		
4253	9.2	3.7393	−0.0146	−9.144	−0.482	29°1650
76.	2.29	2	7 48 30.813	29 16 24.26		
76.	3.15	3	30.474	24.51		
4254	8.6	3.7388	−0.0146	−9.147	−0.481	29°1651
74.	3.26	3	7 48 33.100	29 15 30.71		
76.	2.29	2	33.233	31.69		
76.	3.15	3	33.100	30.29		
77.	2.28	3	33.140	32.44		
77.	2.28	2	32.980	32.16		
77.	3.16	3	33.036	31.76		
88.	3.21	5	33.124	32.34		
4255	9.4	3.7151	−0.0141	−9.149	−0.478	28°1504
74.	3.18	1	7 48 34.235	28 23 10.39		
80.	3.19	2	34.545	11.32		
80.	3.25	3	34.516	11.34		
81.	3.17	3	34.875	9.85		v.ft.
4256	9.5	3.7364	−0.0146	−9.162	−0.481	— —
81.	2.26	3	7 48 44.120	29 10 56.93		†
4257	9.5	3.6643	−0.0131	−9.164	−0.472	— —
74.	3.25	3	7 48 45.618	26 27 59.87		v.ft.
90.	3.11	7	45.684	61.11		
90.	3.14	6	45.895	60.75		
90.	3.15	7	45.839	60.36		

4258	$9^{\rm m}5$	$3^{\rm s}7352$	$-0^{\rm s}0146$	−	$9''174$	$-0''480$	29°1652
74.	3.26	3	$7^{\rm h}48^{\rm m}53^{\rm s}675$		29° 8′ 43″50		Z.C. δ 42″8
80.	3.24	3	53.411		42.09		
4259	9.0	3.7491	−0.0149	−	9.181	−0.482	29°1653
77.	3.21	3	7 48 59.346		29 39 41.89		
80.	3.23	3	59.251		40.88		
81.	3. 1	3	59.251		41.81		
81.	3.26	3	59.317		41.65		
4260	8.6	3.7545	−0.0150	−	9.196	−0.483	29°1654
74.	2.27	3	7 49 10.729		29 51 55.92		Z.C. δ 56″3
75.	2.25	3	10.518		56.37		
77.	3.16	1	10.471		57.39		
87.	3.10	5	10.663		56.33		
87.	3.11	5	10.660		55.27		
4261	8.1	3.6628	−0.0131	−	9.196	−0.471	26°1684
74.	3.23	3	7 49 10.917		26 26 3.74		
75.	3. 3	3	10.712		3.81		
76.	3. 7	2	10.957		5.26		
76.	3.18	3	10.879		4.63		
77.	3.23	3	10.860		3.25		
77.	3.23	3	10.980		4.15		
4262	9.5	3.6965	−0.0138	−	9.205	−0.475	27°1510
73.	2.28	3	7 49 17.113		27 43 27.67		
73.	3.14	3	17.243		29.98		
75.	3. 4	3	17.228		31.10		
76.	3.10	2	17.287		30.36		ex. ft. clds.
78.	3.27	3	17.467		28.47		
4263	7.8	3.6981	−0.0139	−	9.261	−0.475	27°1513
73.	3.14	3	7 50 0.432		27 49 16.05		
75.	2. 4	3	0.449		17.09		
75.	3. 4	3	0.450		16.49		
76.	3.10	3	0.474		17.22		
76.	3.20	3	0.696		18.74		
77.	3.17	3	0.631		16.52		clds.
78.	3.27	3	0.600		17.00		
4264	8.9	3 6213	−0.0123	−	9.262	−0.464	24°1811
73.	3. 8	3	7 50 1.641		24 50 39.21		
73.	3.22	3	1.746		41.08		
75.	3. 5	3	1.665		39.88		
78.	3.16	3	1.699		39.70		
4265	8.6	3.7526	−0.0151	−	9.268	−0.481	29°1656
74.	2.27	3	7 50 6.432		29 50 56.66		
74.	3.26	3	6.277		56.34		
75.	2.25	3	6.173		56.03		
4266	9.3	3.6673	−0.0133	−	9.268	−0.471	26°1687
81.	2.26	3	7 50 6.470		26 39 0.87		w. 5 − $10^{\rm s}$
81.	3. 1	3	6.244		0.95		
4267	8.7	3.7161	−0.0143	−	9.288	−0.476	28°1511
73.	3.13	3	7 50 21.344		28 31 3.79		
74.	3.18	3	21.302		2.79		
75.	3. 9	3	21.420		2.62		
77.	3.22	3	21.372		4.39		

4268	$9^{\rm m}0$	$3^{\rm s}7439$	$-0^{\rm s}0150$	−	$9''307$	$-0''480$	29°1658
76.	2.29	3	$7^{\rm h}50^{\rm m}36^{\rm s}063$		29° 33′ 28″19		+ 1′
76.	3.15	3	36.036		29.51		
77.	3.21	3	36.207		28.93		
4269	9.5	3.6359	−0.0127	−	9.321	−0.465	25°1801
73.	3. 8	3	7 50 47.040		25 27 41.37		
74.	3. 2	3	46.829		43.14		
75.	3. 5	3	47.030		41.64		
78.	3.16	3	47.066		39.76		
4270	8.7	3.6585	−0.0132	−	9.342	−0.468	26°1689
74.	3.23	3	7 51 3.610		26 21 32.45		
74.	3.25	3	3.528		32.86		
75.	3. 3	3	3.653		32.33		
76.	3.18	3	3.850		32.42		
77.	3.23	3	3.527		32.62		
78.	3.12	3	3.663		32.31		
4271	9.4	3.7367	−0.0149	−	9.355	−0.478	29°1659
74.	3.26	2	7 51 13.508		29 19 49.61		
75.	3.15	3	13.520		50.73		
76.	2.29	3	13.354		49.21		
4272	9.2	3.6583	−0.0132	−	9.363	−0.468	26°1691
74.	3.23	3	7 51 19.629		26 21 56.67		
74.	3.25	3	19.616		56.12		
75.	3. 3	3	19.753		57.61		
76.	3. 7	3	19.682		56.54		
76.	3.18	3	19.591		56.23		
4273	9.2	3.6871	−0.0139	−	9.375	−0.472	27°1516
75.	2. 4	3	7 51 28.870		27 29 13.27		
89.	3. 5	7	28.915		13.10		
89.	3.15	6	28.869		13.57		
4274	9.2	3.7301	−0.0149	−	9.376	−0.477	29°1660
74.	2.27	3	7 51 29.523		29 6 4.31		
76.	3.15	3	29.506		4.59		
77.	3.16	3	29.530		3.63		
82.	3. 7	3	29.491		4.35		
4275	8.7	3.7229	−0.0147	−	9.376	−0.476	28°1513
73.	3.13	3	7 51 29.928		28 49 60.52		
75.	3. 9	3	29.952		59.81		
76.	3.25	3	30.010		61.48		
77.	3. 8	3	29.975		60.66		
4276	9.4	3.7373	−0.0151	−	9.381	−0.478	29°1661
77.	2.28	3	7 51 33.246		29 22 15.53		
87.	3.10	7	33.359		15.15		
87.	3.11	7	33.529		14.10		
4277	8.9	3.7026	−0.0143	−	9 386	−0.473	28°1515
74.	3.18	3	7 51 37 737		28 4 45.10		
77.	3. 8	3	37.982		45.39		
77.	3.22	3	37 659		45.83		
4278	9.2	3.6857	−0.0139	−	9.386	−0.471	27°1518
73.	3.14	3	7 51 37.960		27 26 10.26		§
75.	2. 4	3	37.901		10.46		
75.	3. 4	3	37.986		11.24		
76.	3.10	3	37.926		11.00		
76.	3.20	3	37.836		10.51		
78.	3.27	3	38.042		9.58		

4279	$8^{m}.9$	$3^{s}.7352$	$-0^{s}.0150$	$-9''.391$	$-0''.477$	29°1663
75.	3.15	3	$7^{h}51^{m}41^{s}.053$	$29^{\circ}17'60''.80$		
77.	3.16	2	41.265	59.50		
87.	3.18	7	41.306	60.52		
4280	8.7	3.6292	−0.0127	− 9.408	−0.463	25°1805
73.	3. 8	3	7 51 54.891	25 15 7.98		
73.	3.22	3	54.817	10.08		
74.	3. 2	3	54.778	9.61		
77.	3.19	3	54.614	7.22		
77.	3.19	2	54.814	7.76		
4281	9.3	3.6817	−0.0139	− 9.446	−0.470	27°1521
87.	3.12	7	7 52 24.446	27 19 38.70		
87.	3.16	5	24.571	36.17		
88.	3.21	7	24.594	39.75	+ 1′	
4282	8.9	3.6312	−0.0128	− 9.448	−0.463	25°1806
74.	3. 2	2	7 52 26.088	25 21 33.86		
75.	3. 5	3	26.205	33.83		
80.	3.19	3	26.111	34.81		
4283	9 5	3.6648	−0.0136	− 9.453	−0.468	—·—
74.	3.23	3	7 52 29.753	26 41 6.79	Z.C. α $29^{s}.89$	
90.	3.11	7	29.779	5.67		
90.	3.17	7	29.879	5.22		
90.	3.29	1	30.151	6.46		
4284	9.4	3.6636	−0.0135	− 9.473	−0.467	26°1694
74.	3.25	3	7 52 44.829	26 38 46.01	Z.C. δ 46″.3	
79.	3.29	3	44.848	47.56		
81.	2.26	3	45.185	46.15		
81.	3. 1	3	45.155	45.57		
4285	7.5	3.7413	−0.0153	− 9.476	−0.477	29°1664
74.	3.26	3	7 52 47.449	29 35 32.79		
75.	2.25	3	47.173	30.45		
76.	2.29	3	47.353	29.96		
76.	3 15	3	47.363	29.23		
4286	8.0	3.6309	−0.0129	− 9.484	−0.462	25°1810
73.	3 22	3	7 52 53.525	25 22 29.03		
74.	3. 2	2	53.475	27.94		
78.	3.16	3	53.643	28.18		
81.	3.19	3	53.435	27.06		
81.	3.19	2	53.455	28.09		
4287	8.9	3.6362	−0.0130	− 9.493	−0.463	25°1811
75	3 5	3	7 53 1.007	25 35 21.54		
80.	3.15	3	1.165	22.98		
80.	3.24	3	1.038	21.61		
4288	8.6	3.6455	−0.0132	− 9.506	−0 464	26°1696
74.	3.23	2	7 53 10.868	25 57 58.54		
75.	3. 3	2	10.828	57.42		
76.	3. 7	3	10.800	58.21		
76.	3.18	3	10.897	59.01		
77.	3.23	2	10.898	58.19		
4289	9.0	3.6452	−0.0132	− 9.515	−0.464	26°1697
74.	3.25	2	7 53 17.885	25 57 28.54		
75.	3. 3	1	17.668	27.96		
76.	3. 7	1	17.862	28.78		
76.	3.18	1	17.817	26.98		
4290	$6^{m}.6$	$3^{s}.6394$	$-0^{s}.0131$	$-9''.520$	$-0''.463$	25°1812
73.	3. 8	3	$7^{h}53^{m}21^{s}.910$	$25^{\circ}43'57''.28$		
76.	3.17	3	21.735	59.98		
76.	4. 3	3	21.970	59.93		
77.	3.19	3	21.862	58.78		
4291	9.3	3.6293	−0.0129	− 9.522	−0.462	25°1813
78.	3.16	3	7 53 23.863	25 19 58.85	Z.C. δ 59″.2	
80.	3.18	3	23.606	59.68		
80.	3.19	2	23.587	59.00		
4292	9.4	3.6622	−0.0136	− 9.538	−0.466	26°1698
80.	3.25	3	7 53 35.835	26 38 34.05		
81.	3. 1	3	35.880	33.59		
81.	3.17	2	36.205	35.17	ex. ft.	
4293	8.7	3.7495	−0.0157	− 9.543	−0.477	29°1667
74.	2.27	3	7 53 40.088	29 56 21.53		
74.	3.26	2	40.128	21.16		
75.	2.25	3	39.831	19.82		
75.	2.25	1	40.031	21.59		
75.	3.15	3	39.970	22.36		
76.	3.15	3	39.924	21.87		
77.	2.28	3	39.958	21.91		
4294	9.5	3.7110	−0.0148	− 9.548	−0.475	28°1524
74.	3.18	3	7 53 43.435	28 30 51.11	†	
4295	8.2	3.7228	−0.0151	− 9.580	−0.477	29°1668
77.	3.16	3	7 54 8.455	28 58 36.86		
77.	3.21	3	8.421	38.33		
4296	7.0	3.6307	−0.0130	− 9.583	−0.461	25°1816
73.	3.22	3	7 54 11.376	25 25 54.51		
74.	3. 2	3	11.247	53.80		
75.	3. 5	3	11.324	52.69		
77.	3.19	1	11.117	54.17	+ 1′	
4297	9.5	3.7244	−0.0151	− 9.591	−0.473	29°1670
80.	3.19	3	7 54 16.649	29 3 6.93	Z.C. δ 6″.1	
80.	3.25	3	16.822	6.07		
81.	3. 1	2	17.176	3.99		
82.	3. 7	3	16.882	7.26		
4298	9.4	3.6754	−0.0141	− 9.599	−0.466	27°1522
73.	2.28	3	7 54 23.040	27 11 37.14		
92.	3.28	7	23.333	39.32		
4299	8.7	3.6762	−0.0141	− 9.608	−0.466	27°1523
73.	3.14	3	7 54 30.834	27 13 60.67	+ 1′	
75.	3. 4	3	30.753	58.82		
4300	8.5	3.7102	−0.0149	− 9.609	−0.470	28°1527
74.	3 18	3	7 54 31.389	28 31 41.59		
77.	3. 8	3	31.510	41.74		
80.	3.23	3	31.537	40.43		
4301	8.5	3.6274	−0.0130	− 9.611	−0.460	25°1819
78.	3.16	3	7 54 33.154	25 19 13.57		
87.	3.23	7	33.049	13.05		
4302	8.7	3.6361	−0.0132	− 9.612	−0.461	25°1818
73.	3. 8	3	7 54 33.319	25 39 48.89		
87.	3.18	5	33.279	48.41		
91.	3.21	7	33.291	49.61		

4303 $8^{\mathrm{m}}.0$ $3^{\mathrm{s}}.6697$ $-0^{\mathrm{s}}.0140$ $-9''.612$ $-0''.465$ 27°1524
75. 2. 4 3 $7^{\mathrm{h}}54^{\mathrm{m}}33^{\mathrm{s}}.640$ $26^{\circ}58'56''.44$
76. 3.20 3 33.478 56.89
78. 3.27 3 33.631 55.54

4304 9.2 3.6244 −0.0130 − 9.625 −0.459 25°1820
87. 3.16 7 7 54 43.871 25 12 31.54
93. 3. 8 6 43.758 35.16
94. 2.20 7 43.598 36.14

4305 9.0 3.6245 −0.0130 − 9.630 −0.459 25°1821
88. 3.15 7 7 54 47.693 25 13 6.93
93. 3.11 4 47.356 5.82

4306 9.5 3.7463 −0.0157 − 9.640 −0.475 29°1671
80. 3.18 3 7 54 55.684 29 53 48.57 Z.C. δ 49″.2
80. 3.24 3 55.656 49.87 -1^{s}

4307 9.0 3.7492 −0.0158 − 9.641 −0.475 30°1631
93. 3.17 2 7 54 56.086 30 0 14.61 -1^{s}
93. 3.21 3 56.272 13.12
94. 2.27 7 56.112 12.42

4308 9.5 3.6449 −0.0134 − 9.654 −0.462 26°1706
74. 3.23 3 7 55 6.133 26 2 39.89
75. 3. 3 3 6.157 40.98
80. 3.18 2 6.123 38.82

4309 8.5 3.6225 −0.0130 − 9.661 −0.458 25°1825
73. 3.22 3 7 55 11.765 25 9 22.82
74. 3. 2 1 11.689 22.97
75. 3. 5 3 11.583 21.49

4310 9.2 3.7360 −0.0155 − 9.663 −0.473 29°1672
80. 3.25 3 7 55 13.614 29 32 8.15
84. 3.14 3 13.760 8.32

4311 8.5 3.6265 −0.0131 − 9.676 −0.459 25°1826
81. 3.15 3 7 55 23.499 25 19 50.16 Z.C. δ 49″.7
81. 3.16 2 23.319 49.50
81. 3.19 2 23.402 50.18
84. 3.15 4 23.371 48.89 −5′

4312 8.9 3.6895 −0.0145 − 9.676 −0.467 27°1528
75. 2. 4 3 7 55 23.605 27 47 44.08
76. 3.20 3 23.715 43.90
78. 3.27 3 23.669 43.93

4313 8.2 3.7020 −0.0148 − 9.686 −0.469 28°1529
74. 3.18 3 7 55 31.207 28 16 38.18
82. 3. 7 2 31.282 39.23
84. 3.21 4 31.121 37.86
84. 3.24 7 31.128 38.06

4314 9.4 3.6367 −0.0133 − 9.691 −0.460 25°1828
81. 3. 1 1 7 55 35.031 25 44 36.41 Z.C. δ 36″.8
93. 3.22 4 35.385 37.27

4315 9.5 3.6325 −0.0133 − 9.693 −0.463 25°1829
82. 3.14 3 7 55 37.317 25 34 49.87
94. 2.24 4 37.065 51.47

4316 $8^{\mathrm{m}}.6$ $3^{\mathrm{s}}.6164$ $-0^{\mathrm{s}}.0129$ $-9''.694$ $-0''.457$ 24°1835
93. 3.11 5 $7^{\mathrm{h}}55^{\mathrm{m}}37^{\mathrm{s}}.639$ $24^{\circ}56'10''.44$
93. 3.20 3 37.940 11.49
94. 2.22 2 38.112 11.61

4317 9.5 3.6442 −0.0135 − 9.695 −0.461 — —
80. 3.24 3 7 55 38.211 26 2 33.67 † Z.C. δ 33″.7

4318 9.5 3.6369 −0.0134 − 9.698 −0.460 — —
80. 3.19 3 7 55 40.730 25 45 31.10 Z.C. δ 30″.7
81. 3.19 2 40.957 30.38

4319 7.5 3.6586 −0.0138 − 9.700 −0.463 26°1707
74. 3.23 3 7 55 42.527 26 36 51.95
75. 3. 3 2 42.482 51.31
76. 3.18 3 42.509 54.04
78. 3.12 3 42.620 53.42

4320 9.5 3.6395 −0.0134 − 9.708 −0.460 25°1831
78. 3.16 3 7 55 48.410 25 51 60.10
94. 2.28 7 48.290 59.80

4321 8.7 3.7235 −0.0153 − 9.708 −0.470 29°1675
76. 2.29 3 7 55 48.447 29 6 4.23
77. 2.28 3 48.271 4.98
77. 2.28 2 48.431 4.93
93. 3.17 3 48.531 3.57
93. 3.20 2 48.375 4.66

4322 Fundamental Star 28°1532

4323 9.5 3.6398 −0.0134 − 9.715 −0.460 25°1833
81. 3.16 2 7 55 54.474 25 53 13.69 Z.C. δ 13″.7

4324 8.7 3.6855 −0.0145 − 9.726 −0.466 27°1529
75. 2. 4 3 7 56 2.495 27 40 22.77
78. 3.27 3 2.704 21.25
80. 3.13 3 2.652 22.98

4325 9.2 3.6970 −0.0148 − 9.736 −0.467 28°1533
80. 3.18 2 7 56 10.451 28 7 35.53 Z.C. α $10^{\mathrm{s}}.53$
93. 3.22 3 10.583 34.19 Z.C. δ 35″.0
94. 2.20 4 10.554 35.28 Z.C. Ep. 89.2

4326 9.0 3.6974 −0.0148 − 9.737 −0.467 28°1534
74. 3.18 1 7 56 11.161 28 8 32.82
80. 2.28 3 11.453 32.45
82. 3. 7 3 11.405 32.90
86. 3.12 7 11.265 31.59
93. 3.21 6 11.397 32.15

4327 9.0 3.7109 −0.0152 − 9.753 −0.469 28°1537
81. 3.15 3 7 56 24.125 28 40 4.14 Z.C. δ 4″.3
93. 3.16 3 24.289 4.38

4328 9.1 3.7108 −0.0152 − 9.754 −0.469 28°1538
87. 3.18 5 7 56 24.890 28 39 44.73
93. 3. 8 2 24.915 44.24 -10^{s}
93. 3.16 2 24.846 43.79

4329 8.9 3.6155 −0.0130 − 9.756 −0.457 24°1838
73. 3.22 3 7 56 26.595 24 56 38.56
77. 3.19 3 26.618 36.21
87. 3.23 5 26.558 35.71

4330	$9^m.4$	$3^s.7278$	$-0^s.0155$	$-\ 9''.768$	$-0''.471$	$29^\circ 1680$
76.	2.29	2	$7^h 56^m 35^s.952$		$29^\circ\ 18'\ 43''.78$	
82.	3.14	3	36.022		43.06	
4331	8.7	3.7328	−0.0157	− 9.770	−0.471	$29^\circ 1682$
75.	2.25	3	7 56 37.425		29 30 4.87	
84.	3. 5	3	37.481		5.44	
84.	3.14	3	37.344		4.84	
84.	4. 5	1	37.408		6.41	−1′
4332	8.0	3.6132	−0.0130	− 9.772	−0.456	$24^\circ 1840$
73.	3.22	3	7 56 38.519		24 51 27.81	
75.	3. 5	3	38.438		26.96	
78.	3.16	2	38.496		26.71	
80.	3.25	3	38.589		26.27	
4333	8.7	3.6911	−0.0148	− 9.804	−0.466	$28^\circ 1541$
84.	3.15	3	7 57 3.785		27 57 4.54	
84.	3.21	6	3.813		5.25	
84.	3.24	5	3.906		4.39	
4334	9.0	3.6672	−0.0142	− 9 824	−0.463	$27^\circ 1532$
78.	3.27	3	7 57 19.749		27 2 27.08	
81.	3.16	3	19.721		26.52	
88.	3.15	5	19.950		27.16	
4335	8.9	3.7131	−0.0153	− 9.828	−0.468	$28^\circ 1543$
74.	3.18	1	7 57 22.899		28 48 29.49	c.d.m.
77.	3.22	2	23.135		29.53	
4336	8.8	3.6440	−0.0137	− 9.832	−0.459	$26^\circ 1711$
74.	3.23	3	7 57 25.667		26 8 1.70	
76.	3.18	3	25.629		3.76	
78.	3.12	3	25.914		3.97	* ft.
4337	8.9	3.7100	−0.0153	− 9.832	−0.468	$28^\circ 1544$
76.	3.25	3	7 57 26.337		28 41 35.78	
80.	3.13	3	26.149		35.14	
80.	3.24	3	26.104		35.23	
82.	3. 7	3	26.088		36.08	
84.	3.15	4	26.214		35.99	
4338	8.9	3.6261	−0.0133	− 9.834	−0.456	$25^\circ 1839$
74.	3. 2	2	7 57 27.326		25 25 29.93	
77.	3.19	2	27.532		29.17	
4339	9.3	3.7423	−0.0161	− 9.834	−0.472	$29^\circ 1684$
80.	3.25	2	7 57 27.615		29 54 3.35	
84.	3. 5	3	27.693		3.62	
91.	3.21	6	27.598		3.89	
4340	9.3	3.6760	−0.0145	− 9.841	−0.463	$27^\circ 1533$
78.	3.25	1	7 57 32.974		27 23 51.36	
80.	3.19	3	32.696		47.66	
4341	9.3	3.7172	−0.0155	− 9.858	−0.468	$29^\circ 1685$
84.	3.14	3	7 57 46.248		28 59 5.76	†
4342	9.4	3.6261	−0.0134	− 9.868	−0.456	— —
82.	3.14	3	7 57 54.036		25 26 47.40	†
4343	7.7	3.6880	−0.0148	− 9.872	−0 464	$27^\circ 1536$
73.	3.14	3	7 57 57.303		27 52 59.81	d. m.
75.	3. 4	3	57.216		58.18	c.d.m.
76.	3.10	3	57.316		59.64	c.d.m.
4344	$8^m.1$	$3^s.6516$	$-0^s.0139$	$-\ 9''.874$	$-0''.460$	$26^\circ 1713$
74.	3.23	3	$7^h 57^m 58^s.848$		$26^\circ\ 28'\ 6''.30$	
76.	3. 7	3	58.839		7.67	
76.	3.18	3	58.663		6.29	
4345	9.3	3.7341	−0.0159	− 9.874	−0.470	$29^\circ 1686$
74.	3.26	3	7 57 58.775		29 37 50.67	
75.	3.15	2	58.680		52.08	
76.	2.29	2	58.763		50.31	
77.	2.28	3	58.786		51.39	
77.	3.16	3	58.913		50.89	
4346	8.9	3.6108	−0.0131	− 9.887	−0.453	$24^\circ 1848$
73.	3.22	3	7 58 9.134		24 50 35.86	
74.	3. 2	1	8.975		35.01	
80.	3.18	3	9.065		34.45	
4347	9.2	3.6146	−0.0132	− 9.892	−0.454	$25^\circ 1841$
75.	3. 5	3	7 58 12.960		25 0 1.54	
76.	3.17	2	13.153		3.94	ft.
4348	9.4	3.6778	−0.0146	− 9.901	−0.462	$27^\circ 1537$
73.	2.28	3	7 58 20.243		27 30 38.81	
75.	2. 4	3	20.353		39.90	
78.	3.27	2	20.612		39.98	
4349	9.0	3.6568	−0.0141	− 9.905	−0.460	$26^\circ 1716$
74.	3.25	3	7 58 23.815		26 41 42.90	
75.	3. 3	3	23.790		42.02	
77.	3.23	3	23.844		42.49	
79.	3.29	3	23.732		42.40	
4350	9.3	3.6976	−0.0151	− 0.915	−0.465	$28^\circ 1549$
81.	3.16	1	7 58 31.551		28 17 4.17	† Z.C. δ $4''.2$
4351	8.7	3.6352	−0.0137	− 9.919	−0.456	$25^\circ 1844$
87.	3.16	7	7 58 34.246		25 50 49.24	Z.C. α $34^s.20$
87.	3.18	7	34.200		51.79	
87.	3.23	5	34.161		51.64	
4352	9.0	3.6537	−0.0141	− 9.924	−0.459	$26^\circ 1717$
74.	3.23	1	7 58 38.004		26 35 14.05	
74.	3.25	3	38.162		14.72	
78.	3.12	3	38.298		15.49	ft.
4353	9.0	3.6965	−0.0151	− 9.926	−0.464	$28^\circ 1551$
77.	3. 8	3	7 58 39.852		28 14 55.98	
77.	3.22	2	39.714		56.13	+5′
80.	3.13	3	39.807		54.96	Z.C. α $39^s.79$
80.	3.19	3	39.715		55.44	Z.C. δ $55''.4$
81.	3.17	1	39.872		54.73	ft.
4354	9.5	3.6147	−0.0133	− 9.936	−0.453	$25^\circ 1845$
80.	3.24	3	7 58 47.843		25 2 19.36	† Z.C. δ $19''.4$
4355	9.1	3.6838	−0.0149	− 9.945	−0.462	$27^\circ 1539$
75.	2. 4	3	7 58 54.784		27 46 48.09	
76.	3.20	3	54.692		49.80	
78.	3.25	3	54.986		49.02	
4356	8.5	3.6444	−0.0139	− 9.947	−0.457	$26^\circ 1718$
75.	3. 3	3	7 58 56.243		26 13 59.49	
76.	3. 7	2	56.350		60.04	
76.	3.18	3	56.379		59.46	
79.	3.29	3	56.241		59.52	

4357 $9^{m}.0$ $3^{s}.6220$ $-0^{s}.0135$ $-9''.948$ $-0''.454$ 25°1846

78.	3.16	3	$7^{h}58^{m}57^{s}.758$	25° 20′ 31″.60	
80.	3.23	3	57.638	32.90	
81.	2.26	3	57.635	33.65	

4358 9.3 3.6099 −0.0132 − 9.959 −0.453 24°1857

81.	3.26	3	7 59 6.367	24 51 30.98	Z.C. δ 32″.5
92.	3.19	5	6.268	31.87	
92.	3.28	7	6.541	34.65	

4359 9.5 3.6140 −0.0133 − 9.963 −0.453 25°1847

74.	3. 2	1	7 59 9.511	25 1 49.84	
90.	3.14	6	9.466	50.12	

4360 9.3 3.6728 −0.0147 − 9.968 −0.461 27°1540

75.	2. 4	1	7 59 12.863	27 22 6.19	†

4361 9.4 3.6922 −0.0151 − 9.979 −0.463 28°1553

93.	3.16	7	7 59 21.886	28 7 41.53	
93.	3.18	7	21.923	40.12	

4362 9.1 3.6943 −0.0152 − 9.980 −0.463 28°1554

73.	3.13	3	7 59 22.871	28 12 39.93	Z.C. δ 40″.6
74.	3.18	3	23.008	40.81	
80.	3.19	3	22.791	40.98	

4363 9.5 3.7399 −0.0163 − 9.983 −0.469 — —

74.	2.27	3	7 59 25.279	29 55 59.92	v. ft.
78.	3.26	3	25.319	61.29	

4364 8.4 3.7134 −0.0156 − 9.992 −0.465 29°1688

80.	3.13	3	7 59 32.199	28 56 55.88	
81.	3.15	3	32.218	54.77	

4365 9.2 3.7068 −0.0155 −10.003 −0.463 28°1555

74.	3.18	2	7 59 40.611	28 42 25.42	
75.	3. 9	3	40.827	25.09	
80.	3.25	3	40.814	25.45	
86.	3. 9	5	40.649	24.62	
89.	3. 5	7	40.783	25.10	
89.	3.15	7	40.745	24.64	

4366 8.5 3.6929 −0.0152 −10.019 −0.462 28°1556

76.	3.25	2	7 59 53.841	28 11 10.62	
77.	3.22	1	53.627	11.27	
80.	3.18	3	53.638	9.93	
85.	3.30	7	53.583	10.33	

4367 8.0 3.6715 −0.0147 −10.035 −0.459 27°1541

73.	2.28	3	8 0 6.233	27 22 15.63	
73.	3.14	3	6.462	17.37	
75.	2. 4	1	6.450	17.34	
75.	3. 4	3	6.355	17.24	
76.	3.10	3	6.371	17.10	$+1^{m}$
76.	3.20	2	6.341	17.17	
76.	3.29	3	6.508	16.41	

4368 9.1 3.6143 −0.0135 −10.041 −0.452 25°1851

73.	3. 7	3	8 0 10.823	25 5 51.66	
73.	3.22	3	10.608	52.40	
76.	3.17	3	10.738	50.93	
85.	3. 7	2	10.922	50.63	−5′

4369 $9^{m}.1$ $3^{s}.6548$ $-0^{s}.0143$ $-10''.044$ $-0''.457$ 26°1722

74.	3.23	3	$8^{h}\,0^{m}13^{s}.103$	26° 43′ 28″.06	
74.	3.25	3	13.170	29.36	
75.	3. 3	3	13.139	28.92	
76.	3. 7	2	13.231	28.56	
77.	3.23	3	13.113	28.84	
79.	3.29	3	12.950	29.25	

4370 9.2 3.6706 −0.0147 −10.047 −0.459 27°1542

73.	3.14	2	8 0 15.210	27 20 44.60	
76.	3.10	3	15.441	46.77	
76.	3.20	1	15.528	45.30	
78.	3.25	3	15.409	47.20	

4371 9.0 3.6866 −0.0151 −10.051 −0.461 28°1558

93.	3. 8	7	8 0 18.642	27 58 8.29	
93.	3.17	7	18.931	8.26	

4372 8.9 3.7119 −0.0158 −10.071 −0.464 29°1691

73.	3.13	3	8 0 34.942	28 57 25.53	
75.	3. 9	3	35.140	26.01	
76.	3.25	3	35.096	26.10	
77.	2.28	3	34.944	27.10	
80.	3.24	3	34.825	25.49	
88.	3.21	7	35.000	27.22	

4373 8.7 3.6132 −0.0135 −10.072 −0.451 25°1853

73.	3. 7	1	8 0 35.798	25 4 29.46	− 1 int.
73.	3.22	3	35.653	29.74	
74.	3. 2	3	35.693	29.78	

4374 9.0 3.6065 −0.0134 −10.086 −0.450 24°1868

77.	3.19	3	8 0 46.942	24 48 51.49	
80.	3.18	3	46.992	50.79	
80.	3.25	3	46.972	50.72	
81.	3.16	3	46.992	51.24	
81.	3.26	3	47.215	52.30	
81.	3.28	3	46.943	50.81	
81.	3.31	3	47.161	49.93	

4375 8.9 3.7222 −0.0160 −10.087 −0.464 29°1693

77.	3.16	3	8 0 47.327	29 21 27.40	
79.	4. 4	3	47.295	27.88	v. ft.
80.	3.23	3	47.194	25.80	

4376 8.1 3.6337 −0.0140 −10.087 −0.454 25°1854

75.	3. 5	3	8 0 47.299	25 54 45.56	
76.	4. 3	3	47.366	48.69	
80.	4. 1	3	47.368	48.70	
81.	3.15	3	47.258	47.99	

4377 7.3 3.6819 −0.0151 −10.116 −0.460 27°1544

73.	2.28	3	8 1 10.724	27 50 29.48	
75.	3. 4	3	10.791	31.06	
76.	3.29	1	10.885	31.29	
78.	3.27	3	10.680	31.46	
78.	3.27	2	10.870	31.39	

4378 9.1 3.7338 −0.0164 −10.131 −0.466 29°1695

85.	3.27	7	8 1 22.139	29 49 40.00	
85.	3.28	7	22.255	41.05	
86.	3.24	7	22.129	41.12	
86.	3.25	7	22.195	40.52	

4379	$9^{\mathrm{m}}.1$	$3^{\mathrm{s}}.6101$	$-0^{\mathrm{s}}.0135$	$-10''.134$	$-0''.450$	25°1858
86.	3. 9	5	$8^{\mathrm{h}}\ 1^{\mathrm{m}}24^{\mathrm{s}}.362$	24° 59′ 51″.08		
86.	3.12	6	24.464	51.94		
86.	3.31	7	24.390	51.45		
4380	8.5	3.6700	−0.0149	−10.136	−0.457	27°1546
77.	3.17	2	8 1 26.314	27 23 27.92		ex. ft.
80.	3.13	3	26.413	26.36		
80.	3.24	3	26.344	27.40		
4381	9.5	3.6718	−0.0149	−10.139	−0.457	— —
90.	3.17	6	8 1 28.898	27 27 55.65		†
4382	9.4	3.6665	−0.0148	−10.152	−0.457	27°1547
81.	3.28	3	8 1 38.951	27 15 54.40		†
4383	9.3	3.6655	−0.0148	−10.156	−0.456	27°1549
75.	3. 4	3	8 1 42.427	27 13 45.14		
76.	3.10	3	42.540	43.81		
80.	3.18	3	42.443	44.39		
4384	6.7	3.7230	−0.0163	−10.167	−0.463	29°1696
74.	2.27	3	8 1 51.288	29 27 22.53		
74.	3.26	3	51.170	22.86		
75.	3.15	3	51.308	23.47		
77.	3.16	3	51.255	21.80		
79.	4. 4	3	51.234	21.89		
4385	8.8	3.6995	−0.0156	−10.169	−0.461	28°1562
73.	3.13	3	8 1 52.894	28 33 36.05		
74.	3.18	3	52.912	36.58		
75.	3. 9	3	53.049	37.40		
77.	3. 8	3	53.093	36.39		
77.	3. 8	3	53.063	35.78		
77.	3.22	3	53.093	37.21		
4386	8.0	3.6142	−0.0137	−10.171	−0.450	25°1860
74.	3. 2	2	8 1 54.465	25 11 21.94		
75.	3. 5	3	54.497	21.32		
76.	3.17	3	54.362	22.23		
4387	9.1	3.6084	−0.0136	−10.173	−0.449	25°1861
80.	3.19	3	8 1 56.037	24 57 13.97		Z.C. δ 13″.7
92.	3. 9	7	56.170	13.50		
93.	3.16	7	56.170	13.56		
4388	9.3	3.6087	−0.0136	−10.182	−0.449	25°1862
75.	3. 5	2	8 2 2.720	24 58 13.21		
77.	3.19	1	2.941	12.53		
80.	3.15	3	3.146	13.09		clds
80.	3.23	3	2.842	12.51		
80.	3.25	3	2.754	12.43		
81.	3.31	3	2.978	11.99		
4389	8.0	3.6320	−0.0141	−10.190	−0.452	25°1864
73.	3.22	3	8 2 9.705	25 55 24.64		Z.C. Ep. 79.1
76.	4. 3	3	9.697	22.39		
80.	3.24	3	9.391	22.09		
80.	4. 1	3	9.526	23.15		
81.	2.26	3	9.575	22.89		
81.	3.22	2	9.761	22.01		
81.	3.22	2	9.541	23.52		

4390	$7^{\mathrm{m}}.6$	$3^{\mathrm{s}}.7234$	$-0^{\mathrm{s}}.0163$	$-10''.196$	$-0''.463$	29°1698
74.	2.27	3	$8^{\mathrm{h}}\ 2^{\mathrm{m}}14^{\mathrm{s}}.126$	29° 29′ 23″.99		
74.	3.26	3	13.987	24.21		
75.	3.15	3	14.057	24.95		
4391	9.2	3.7342	−0.0166	−10.208	−0.465	29°1699
76.	2.29	3	8 2 23.723	29 54 28.47		−5′
78.	3.26	3	23.597	28.05		Z.C. α $23^{\mathrm{s}}.66$
80.	3.18	3	23.618	27.99		
81.	3.26	3	23.700	28.17		
4392	7.8	3.6698	−0.0150	−10.224	−0.456	27°1554
73.	2.28	3	8 2 36.607	27 27 11.94		
73.	3.14	3	36.484	13.54		
75.	2. 4	3	36.361	12.09		
76.	3.10	2	36.573	13.49		
76.	3.20	3	36.577	14.08		
76.	3.29	2	36.625	14.05		
78.	3.25	3	36.591	13.76		
4393	6.9	3.6384	−0.0143	−10.228	−0.452	26°1728
74.	3.23	2	8 2 39.647	26 12 37.15		
74.	3.25	3	39.594	37.59		
75.	3. 3	2	39.608	36.38		
76.	3. 7	3	39.724	37.97		
77.	3.23	3	39.677	36.76		
77.	3.23	2	39.677	36.90		
79.	3.29	3	39.702	36.76		
4394	8.7	3.6395	−0.0143	−10.234	−0.452	26°1730
74.	3.25	3	8 2 44.734	26 15 30.75		Z.C. δ 30″.7
75.	3. 3	3	45.002	30.30		
79.	3.29	3	44.678	31.09		
4395	9.2	3.6386	−0.0143	−10.235	−0.452	26°1729
74.	3.23	2	8 2 44.977	26 13 32.33		
76.	3. 7	3	45.012	33.49		
89.	3. 5	6	44.970	32.42		
89.	3.15	7	44.899	32.40		
4396	9.0	3.7314	−0.0166	−10.236	−0.463	29°1701
74.	3.26	1	8 2 46.029	29 49 34.97		
76.	2.29	2	45.805	35.84		
77.	3.16	3	45.973	35.78		
4397	6.0	3.6299	−0.0141	−10.248	−0.451	25°1865
73.	3. 7	3	8 2 55.302	25 53 7.06		
74.	3. 2	3	55.396	5.15		
76.	3.17	3	55.330	4.38		
76.	4. 3	3	55.359	4.45		
4398	9.2	3.6099	−0.0136	−10.260	−0.448	25°1866
73.	3.22	3	8 3 4.703	25 4 47.00		
77.	3.19	3	5.000	47.79		
80.	3.19	3	4.694	46.81		
81.	3.31	3	4.904	45.78		
89.	3.12	7	4.828	44.59		
90.	3.11	5	4.870	45.11		
4399	9.1	3.6087	−0.0136	−10.268	−0.448	25°1867
75.	3. 5	3	8 3 11.564	25 2 24.24		
90.	3.15	7	11.660	23.79		§
99.	3.29	6	11.672	25.41		

4400	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.7234$	$-0^{\mathrm{s}}.0165$	$-10''.289$	$-0''.462$	29°1704
80.	3.23	2	$8^{\mathrm{h}}\ 3^{\mathrm{m}}28^{\mathrm{s}}.275$	$29^{\circ}\ 34'\ 24''.97$		
80.	3.24	3	28.583	22.91		
80.	3.25	3	28.497	23.36		

4401	9.5	3.6877	−0.0156	−10.292	−0.457	— —
74.	3.18	3	8 3 31.034	28 12 17.79		
75.	3. 9	3	31.205	18.60		

4401$^{\mathrm{a}}$	9.5	3.6838	−0.0155	−10.295	−0.457	28°1563
96.	2.11	5	8 3 33.278	28 3 27.25		
96.	2.22	7	33.110	28.21		s.f. of 2
96.	3. 4	7	33.076	25.46		s.f. of 2

4402	9.2	3.7313	−0.0167	−10.303	−0.462	29°1705
74.	2.27	3	8 3 39.561	29 52 58.20		
77.	3.16	2	39.747	56.84		
85.	3.14	5	39.593	60.05		

4403	9.4	3.6868	−0.0156	−10.310	−0.457	— —
81.	3.17	2	8 3 45.103	28 11 9.05		†

4404	9.1	3.7110	−0.0162	−10.310	−0.459	29°1706
77.	2.28	3	8 3 45.478	29 7 15.38		
78.	3.26	3	45.510	14.05		

4405	9.1	3.6352	−0.0144	−10.312	−0.449	26°1733
74.	3.23	3	8 3 46.547	26 8 48.06		
74.	3.25	2	46.704	48.47		
76.	3.18	3	46.734	49.65		
80.	4. 1	2	46.721	49.43		
81.	3.28	3	46.729	48.86		

4406	9.3	3.6193	−0.0140	−10.316	−0.448	25°1869
73.	3. 7	3	8 3 49.800	25 30 20.49		
76.	3.17	3	49.697	21.10		
80.	3.19	3	49.720	19.62		

4407	9.3	3.6586	−0.0150	−10.346	−0.453	27°1557
73.	2.28	3	8 4 14.021	27 6 21.03		
73.	3.14	3	14.094	23.18		
75.	3. 4	3	14.149	21.68		
76.	3.10	3	14.331	21.62		
76.	3.20	3	14.093	22.83		
76.	3.29	3	14.260	23.07		
78.	3.25	3	14.357	22.86		
78.	3.27	3	14.187	21.63		
78.	3.27	2	14.277	21.88		

4408	9.0	3.6153	−0.0140	−10.352	−0.447	25°1871
74.	3. 2	3	8 4 19.043	25 22 31.99		
78.	3.16	3	19.286	31.62		s.p. of 2
85.	3.27	7	19.125	31.29		
85.	3.28	7	19.141	31.27		

4409	9.2	3.6991	−0.0160	−10.353	−0.458	28°1565
74.	3.18	3	8 4 19.753	28 41 48.24		
90.	3.14	7	19.906	48.38		

4410	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.7339$	$-0^{\mathrm{s}}.0169$	$-10''.370$	$-0''.462$	30°1658
75.	3.15	3	$8^{\mathrm{h}}\ 4^{\mathrm{m}}32^{\mathrm{s}}.809$	$30^{\circ}\ 2'\ 18''.45$		Z.C. δ $16''.5$
80.	3.18	3	32.976	15.76		
81.	3.31	2	33.166	15.28		

4411	8.7	3.6193	−0.0141	−10.370	−0.447	25°1872
73.	3. 7	3	8 4 33.306	25 33 3.66		
73.	3.22	3	33.309	3.16		
77.	3.19	3	33.212	2.94		

4412	8.5	3.7098	−0.0163	−10.377	−0.458	29°1709
74.	2.27	3	8 4 38.446	29 7 42.37		
77.	2.28	1	38.475	43.78		
79.	4. 4	2	38.257	42.69		
80.	3.23	3	38.360	41.11		

4413	9.3	3.6390	−0.0146	−10.390	−0.449	26°1737
74.	3.25	1	8 4 49.039	26 21 47.06		
75.	3. 3	3	48.880	46.98		
78.	4. 1	3	49.271	47.87		

4414	7.7	3.7110	−0.0164	−10.396	−0.458	29°1712
76.	2.29	3	8 4 53.641	29 11 27.97		
80.	3.25	3	53.656	26.63		
86.	3.24	7	53.750	27.98		
86.	3.25	6	53.697	27.80		

4415	9.1	3.6014	−0.0137	−10.397	−0 445	24°1878
85.	3.30	7	8 4 54.613	24 50 12.80		
85.	4. 2	5	54.582	12.81		v. ft.
86.	3.31	7	54.669	13.25		

4416	8.2	3.7298	−0.0169	−10.403	−0.461	29°1713
77.	3.16	3	8 4 59.793	29 54 44.90		
77.	3.21	3	59.857	46.53		
78.	3.26	3	59.658	47.25		
80.	4. 1	3	59.780	46.54		
81.	3.22	3	59.902	43.98		
81.	3.22	2	59.841	45.14		

4417	8.5	3.6446	−0.0148	−10.410	−0.450	26°1742
76.	3. 7	3	8 5 5.181	26 35 43.50		
77.	3.23	3	5.265	42.18		
77.	3.23	3	5.245	42.48		
78.	4. 1	2	5.138	43.10		

4418	9.3	3.6291	−0.0144	−10.418	−0.448	26°1743
74.	3.23	3	8 5 11.434	25 59 14.59		Z.C. δ $15''.2$
79.	3.29	3	11.225	15.32		
80.	3.13	3	11.495	15.61		
80.	3.19	3	11.447	14.59		
80.	3.23	3	11.624	14.45		
80.	3.24	3	11.338	15.04		
81.	3.28	3	11.500	16.57		

4419	5.7	3.7322	−0.0170	−10.433	−0.460	30°1664
73.	3.17	3	8 5 23.979	30 1 45.42		
74.	2.27	2	23.941	45.14		
74.	3.26	3	23.959	44.98		
75.	3.15	3	23.739	46.49		w. $4+1^{\mathrm{s}}$
76.	2.29	2	23.869	44.61		
79.	4. 4	3	23.727	45.18		

4420	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.7299$	$-0^{\mathrm{s}}.0170$	$-10''.444$	$-0''.460$	30°1665
85. 3.14	5	$8^{\mathrm{h}}\ 5^{\mathrm{m}}\,32^{\mathrm{s}}.519$		$29°57'\ 7''.98$		
86. 3. 9	7	32.383		6.21		
86. 3.12	7	32.344		6.00		v. ft.
4421	9.0	3.6212	−0.0143	−10.445	−0.446	25°1875
73. 3. 7	3	8 5 33.292		25 41 17.94		
73. 3.22	3	33.344		16.78		
75. 3. 5	3	33.308		15.98		
90. 4. 3	7	33.358		14.53		
4422	8.4	3.6957	−0.0162	−10.467	−0.452	28°1569
73. 3.13	3	8 5 50.652		28 39 52.86		
74. 3.18	3	50.771		52.78		
75. 3. 9	3	50.675		52.90		
77. 3. 8	3	50.767		52.93		
77. 3. 8	3	50.787		52.31		
77. 3.22	3	50.694		54.11		
90. 4. 2	7	50.689		52.51		
4423	9.3	3.6601	−0.0153	−10.483	−0.451	27°1560
73. 2.28	3	8 6 3.904		27 17 0.01		ex. ft.
73. 3.14	3	4.087		2.03		Z.C. δ 1''.6
75. 3. 4	3	4.106		2.67		
4424	9.0	3.6295	−0.0145	−10.488	−0.446	26°1746
74. 3.23	3	8 6 7.379		26 3 31.94		
74. 3.25	2	7.295		32.64		
75. 3. 3	3	7.352		33.34		
76. 3. 7	2	7.367		32.77		
76. 3.18	3	7.477		32.61		
77. 3.23	1	7.440		32.53		
78. 4. 1	2	7.398		33.29		
79. 3.29	3	7.275		32.82		
4425	8.7	3.6056	−0.0140	−10.488	−0.444	25°1878
73. 3. 7	2	8 6 7.385		25 4 52.03		
73. 3.22	2	7.485		51.24		
75. 3. 5	3	7.388		51.33		w. 4 + 1^{s}
76. 3.17	3	7.376		52.21		
77. 3.19	3	7.363		51.26		
4426	9.3	3.6610	−0.0153	−10.494	−0.451	27°1561
76. 3.10	2	8 6 12.789		27 19 30.12		ex. ft.
92. 3.19	2	12.806		27.95		
4427	7.6	3.6819	−0.0158	−10.497	−0.453	28°1570
74. 3.18	3	8 6 14.632		28 9 10.61		
77. 3.22	3	14.613		11.00		
78. 4. 6	3	14.646		10.76		
78. 4. 6	2	14.756		11.39		
86. 4. 3	7	14.778		11.01		
4428	8.3	3.6651	−0.0154	−10.510	−0.451	27°1563
73. 3.14	3	8 6 25.262		27 30 11.68		
75. 2. 4	3	25.362		13.14		
76. 3.20	3	25.295		14.32		
76. 3.29	3	25.452		13.68		
78. 3.25	3	25.451		13.47		
4429	9.0	3.6809	−0.0159	−10.553	−0.452	28°1571
74. 3.18	3	8 6 59.776		28 9 50.58		
75. 3. 9	3	59.880		52.43		

4430	$7^{\mathrm{m}}.6$	$3^{\mathrm{s}}.6541$	$-0^{\mathrm{s}}.0153$	$-10''.557$	$-0''.448$	27°1566
73. 2.28	3	$8^{\mathrm{h}}\ 7^{\mathrm{m}}\ 3^{\mathrm{s}}.469$		$27°\ 6'\,25''.94$		
75. 3. 4	3	3.474		25.76		
76. 3.10	3	3.601		27.67		ft.
4431	8.0	3.6649	−0.0155	−10.561	−0.449	27°1567
76. 3.20	1	8 7 6.755		27 32 22.43		
76. 3.29	3	6.792		20.66		
78. 3.25	3	6.746		21.79		
4432	8.7	3.6048	−0.0141	−10.570	−0.442	25°1880
73. 3. 7	3	8 7 14.267		25 6 42.71		
73. 3.22	2	14.215		42.76		
73. 4. 2	3	14.253		41.95		
75. 3. 5	3	14.182		41.44		
4433	8.2	3.6631	−0.0155	−10.573	−0.449	27°1568
75. 2. 4	3	8 7 16.070		27 28 45.42		
90. 3.17	7	16.175		44.47		
4434	8.9	3.5946	−0.0139	−10.601	−0.441	24°1887
85. 3.14	3	8 7 38.802		24 42 58.54		
85. 3.27	7	38.790		56.52		
85. 3.28	7	38.705		57.45		
4435	9.5	3.7068	−0.0167	−10.602	−0.454	29°1721
74. 3.26	3	8 7 39.378		29 12 45.37		
75. 3.15	3	39.305		48.34		
76. 2.29	3	39.481		46.14		ex. ft.
78. 3.26	3	39.442		46.46		
4436	9.0	3.6785	−0.0160	−10.602	−0.451	28°1573
73. 3.13	3	8 7 40.192		28 6 54.38		
74. 3.18	1	40.081		54.54		
75. 3. 9	3	40.085		54.54		
77. 3.22	2	40.048		54.09		
80. 3.23	3	40.033		51.58		
80. 3.25	3	39.984		53.43		
80. 3.25	2	39.954		54.01		
80. 4. 1	3	40.111		54.55		
80. 4. 1	3	40.191		55.16		
4437	9.4	3.5961	−0.0139	−10.606	−0.441	24°1890
80. 3.24	3	8 7 42.898		24 46 47.25		
81. 3.28	3	43.160		46.40		
81. 3.31	3	43.137		46.56		
4438	9.0	3.6627	−0.0156	−10.618	−0.449	27°1571
73. 2.28	3	8 7 52.199		27 29 56.61		Z.C. δ 58''.3
73. 3.14	3	52.169		58.00		
75. 2. 4	3	52.337		58.59		
75. 3. 4	3	52.221		57.56		
76. 3.29	2	52.251		58.90		
78. 3.25	2	52.472		60.07		
4439	9.4	3.6138	−0.0144	−10.624	−0.443	25°1884
76. 3.17	3	8 7 57.406		25 31 55.43		
92. 3.24	7	57.278		53.28		
92. 4. 1	4	57.483		55.24		ex. ft.
4440	9.5	3.7201	−0.0171	−10.645	−0.455	29°1723
74. 3.26	3	8 8 14.490		29 45 30.56		v. ft.
75. 3.15	3	14.375		31.68		

4441 8$^{\text{m}}$.4 3$^{\text{s}}$.7270 −0$^{\text{s}}$.0173 −10″.645 −0″.456 30°1677

74. 2.27	3	$8^{\text{h}}\ 8^{\text{m}}14^{\text{s}}.561$	30° 1′ 24″.76	
76. 3 24	3	14.458	24.35	
77. 2.28	3	14.603	25.76	
77. 2.28	2	14.423	25.51	
77. 3.16	3	14 660	24.61	
77. 3.16	3	14.540	24.15	
77. 3.21	3	14.624	24.54	+ 1′
78. 3.26	3	14.469	23.63	
79. 4. 4	3	14.505	25.44	

4442 9.1 3.6126 −0.0144 −10.654 −0.442 25°1886

73. 3 7	3	8 8 21.663	25 30 16.02	
73. 4. 2	3	21 689	17.38	
75. 3. 5	3	21.671	16.66	

4443 9.2 3.6591 −0.0156 −10.661 −0.447 27°1572

90. 3.11	7	8 8 27.131	27 23 39.08	
92. 3.22	7	27.444	38.14	

4444 9.4 3.6507 −0.0154 −10.674 −0.446 — —

80. 3.24	2	8 8 38.154	27 4 1.08	† Z.C. δ 1″.1

4445 8.7 3.6939 −0.0165 −10.676 −0.452 28°1575

73. 3.13	3	8 8 39.810	28 46 52.66	
75. 3. 9	3	39.856	53.08	
78. 4. 6	3	39.917	52.81	

4446 8.8 3 6016 −0 0142 −10.687 −0.440 25°1888

73. 3.22	3	8 8 48.651	25 4 35.61	Z.C. Ep.78.5
73. 4. 2	1	48.726	34.81	
77. 3.19	5	48.747	33.48	
90. 4. 3	7	48.665	34.13	

4447 9.2 3.6468 −0.0154 −10.701 −0.445 26°1754

74. 3. 6	3	8 8 59.930	26 55 23.11	
74. 3.23	3	59.736	22.42	
74. 3.25	3	59.782	22.50	
75. 3. 3	3	59.770	21.21	
76. 3. 7	3	59.870	22 32	
78. 4. 1	3	59.813	21.76	
79. 3.29	3	59.543	21.75	

4448 9.0 3.7181 −0.0172 −10.714 −0.454 29°1727

73. 3.17	3	8 9 10.411	29 44 40.58	Z.C. δ 40″.5
77. 3.21	3	10.211	42.46	v. ft.
78. 3.26	2	10.243	41.40	
80. 3 13	3	10.328	39.93	+ 1′
80 3.23	3	10.367	39 42	
81. 3.28	3	10.361	39.36	

4449 9.5 3.7228 −0.0174 −10.741 −0.454 30°1681

74. 2.27	3	8 9 32.332	29 57 6.41	ft.
74. 3.26	3	32.602	7.89	
76. 2.29	3	32.446	7.53	

4450 9.1 3.6410 −0.0153 −10.756 −0.443 26°1759

74. 3.23	3	8 9 44.398	26 45 8.75	d. s. p. §
74. 3. 6	3	44.565	5.28	c. d. m.
76. 3. 7	3	44.626	3 92	
76. 3.18	3	44.455	6.84	
78. 4. 1	3	44.697	8 09	d. n. p. §
79. 3.29	3	44.302	5.24	− 1 int. d. m.

The note on 74. 3. 23 seems to be an error for d. n. p.

4451 7$^{\text{m}}$.7 3$^{\text{s}}$.6578 −0$^{\text{s}}$.0157 −10″.759 −0″.445 27°1575

73. 2.28	3	$8^{\text{h}}\ 9^{\text{m}}46^{\text{s}}.701$	27° 25′ 54″.11	
73. 3.14	3	46.739	57.13	
75. 3. 4	3	46.762	55.18	
79. 4. 2	3	46.596	55.19	
86. 4. 3	7	46.827	57.12	

4452 9.0 3.5998 −0.0143 −10.761 −0.438 25°1891

73. 3. 7	3	8 9 48.405	25 3 41.25	
73. 3.22	3	48.371	40.23	
73. 4. 2	2	48.427	39.27	
75. 3. 5	3	48.408	39.46	

4453 7.7 3.6665 −0.0160 −10.770 −0.446 27°1576

76. 3.10	2	8 9 55.563	27 47 8.98	
76. 3.20	3	55.607	9.58	
78. 3.25	3	55.713	9.53	

4454 7.2 3.6032 −0.0144 −10.784 −0.438 25°1892

76. 3.17	3	8 10 7.000	25 13 17.20	
76. 4. 3	3	6.969	17.75	
85. 3.14	5	7.017	19.17	

4455 9.1 3.6602 −0.0158 −10.788 −0.445 27°1577

75. 2. 4	3	8 10 10.221	27 33 10.21	
75. 3. 4	3	10.160	10.06	
92. 4. 2	4	10.208	10.58	

4456 9.0 3.6939 −0.0167 −10.788 −0.449 28°1579

73. 3.13	3	8 10 10.471	28 52 53.51	
74. 3.18	3	10.299	52.22	
77. 3.22	3	10.288	52.43	

4457 9.2 3.7113 −0.0172 −10.788 −0.451 29°1729

74. 2.17	3	8 10 11.383	29 33 24.97	Z.C. α 11$^{\text{s}}$.45
75. 3.15	3	11.417	26.64	
76. 3.24	2	11.535	26.23	

4458 8.2 3.6176 −0.0148 −10.794 −0.440 25°1893

76. 4. 3	3	8 10 15.573	25 49 34.34	Z.C. δ 34″.8
77. 3.19	2	15.601	35.36	
80. 3.23	3	15.643	33.48	
80. 3.25	3	15.520	34.82	
80. 3.25	3	15.540	34.78	
80. 4. 1	3	15.651	35.07	
80. 4. 1	3	15.501	35.52	
81. 3.22	3	15.774	34.69	
81. 3.22	3	15.704	34.58	
90. 4. 2	7	15.600	35.07	

4459 9.0 3.6506 −0.0157 −10.802 −0.444 27°1578

73. 3.14	3	8 10 21.484	27 10 42.19	
76. 3.10	3	21.605	43.44	
76. 3.29	3	21.482	43.40	

4460 8.0 3.7083 −0.0172 −10.815 −0.450 29°1730

73. 3.17	3	8 10 32.646	29 27 53.86	
74. 3.26	3	32.758	53.26	
77. 3.16	3	32.732	53.23	
77. 3.16	3	32.882	53.22	
77. 3.21	3	32.685	54.06	
78. 4. 8	3	32.739	53.57	
78. 4. 8	2	32.919	53.74	

4461	$7^{m}.1$	$3^{s}.6412$	$-0^{s}.0154$	$-10''.816$	$-0''.443$	26°1760
74. 3. 6	3	$8^{h}10^{m}33^{s}.200$	$26^{\circ}48'36''.08$			
74. 3.23	3	32.973	35.26			
74. 3.25	3	33.039	36.24			
74. 3.25	2	33 009	37.69			
75. 3. 3	3	33.214	36.81			
76. 3. 7	2	33.264	37.37			
78. 4. 1	2	33.149	36.35			
79. 3.29	2	32.934	36.18			
89. 3.12	5	33.056	36.55			
4462	9.5	3.6416	−0.0155	−10.830	−0 442	— —
90. 3.14	7	8 10 45.108	26 50 3.95			s. p.
92. 3.19	4	44.897	3.34			− 1^{m}
92. 3.28	2	45.084	5.21			ex. ft. − 1 int.
4463	9.0	3.6160	−0.0149	−10.832	−0.439	25°1896
73. 3. 7	3	8 10 46.035	25 47 37.41			
73. 3.22	3	45.993	38.23			
75. 3. 5	3	46.080	36.01			
4464	8.8	3.6997	−0.0170	−10.835	−0.449	29°1731
74. 2.27	2	8 10 48.956	29 9 3.37			
76. 2.29	3	48.924	3.17			
77. 2.28	3	49.057	3.18			
77. 2.28	2	48.947	3.83			
77. 3.21	1	49.049	3.24			
78. 3.26	3	49.160	4.70			
79. 4. 4	3	49.010	3.85			
4465	8 5	3.6755	−0.0163	−10.835	−0.447	28°1581
74. 3.18	2	8 10 48.966	28 12 8.96			
75. 3. 9	3	49.067	10.26			
77. 3. 8	3	49.044	9.17			
77. 3. 8	3	49.064	9.95			
4466	9.4	3.6464	−0.0156	−10.836	−0.442	27°1581
78. 3.25	3	8 10 49.865	27 2 17.82			Z.C. δ $17''.2$
80. 3.13	3	49.650	17.27			
81. 3.28	3	49.672	16.80			
81. 3.31	3	49.709	16.90			
4467	9.4	3.6591	−0.0159	−10.854	−0.444	— —
76. 3.20	1	8 11 4.584	27 33 55.06			†
4468	8.9	3.6746	−0.0164	−10.861	−0.446	28°1582
73. 3.13	3	8 11 10.175	28 11 32.28			
74. 3.18	3	10.134	31.05			
77. 3.22	3	10.237	32.85			
4469	8.8	3.6636	−0.0161	−10.862	−0.445	27°1582
73. 2.28	3	8 11 11.032	27 45 16.76			
75. 2. 4	3	11.184	16.96			− 1 int.
75. 3. 4	3	11.001	17.87			
4470	9.1	3.6377	−0.0154	−10.866	−0.441	26°1761
74. 3.23	2	8 11 14.417	26 42 32.08			
75. 3. 3	2	14.434	31.40			
76. 3.18	3	14.471	32.25			
77. 3.23	3	14.240	32.97			
4471	7.1	3.6378	−0.0154	−10.875	−0.441	26°1762
74. 3. 6	2	8 11 21.573	26 43 24.50			
75. 3. 3	1	21.614	23.43			
76. 3.18	3	21.625	21.07			− 1 int.
78. 4. 1	1	21.518	23 23			
4472	$8^{m}.9$	$3^{s}.6554$	$-0^{s}.0159$	$-10''.896$	$-0''.443$	27°1585
73. 3.14	3	$8^{h}11^{m}38^{s}.113$	$27^{\circ}27'\ 6''.56$			
76. 3.10	3	38.475	6.70			* ft.
78. 3.25	3	38.144	7.74			
4473	8.3	3.6845	−0.0167	−10.904	−0.446	28°1583
75. 3. 9	3	8 11 44 963	28 36 53.58			
77. 3.22	3	44.941	54.07			
78. 4. 6	3	44.650	55.09			
4474	9.0	3.5994	−0.0145	−10.912	−0.436	25°1897
73. 3 22	2	8 11 51.507	25 10 21.55			
73. 4. 2	3	51.612	20.52			
76. 3.17	3	51.621	21.76			
4475	8.3	3.6443	−0.0156	−10.920	−0.441	27°1586
76. 3.29	3	8 11 57.721	27 1 43.23			− 1′
78. 4. 6	3	57.754	43.77			
79. 4. 2	3	57.918	42.84			
80. 3.13	3	57.746	43.58			
80. 3.24	3	57.553	41.18			
81. 3.28	3	57.859	43.01			
81. 3 31	3	57.766	42.37			
85. 3.27	7	57.669	42.67			
85. 3.28	7	57.656	43.38			
4476	9.3	3.5867	−0.0142	−10.926	−0.434	24°1905
85. 3.30	7	8 12 2.842	24 38 49.30			+ 5′
85. 4. 2	7	2.740	47.17			ex. ft.
92. 3.22	6	2.979	49.25			
92. 3.24	6	2.864	48.93			v. ft. + 5′
92. 4. 1	5	2.827	48.84			
4477	8.4	3.6037	−0.0146	−10.926	−0.436	25°1898
73. 3. 7	3	8 12 3.139	25 21 52.37			
75. 3. 5	3	3.323	51.05			
76. 4. 3	3	3.191	51.65			
77. 3.19	3	3.366	51.51			
81. 3.17	3	3.260	51.86			
4478	9.3	3.5863	−0.0142	−10.928	−0.434	24°1906
85. 3.14	5	8 12 4.406	24 37 56.66			
94. 2.24	5	4.430	56.51			
94. 2.27	7	4.559	56.51			
4479	8.4	3.5980	−0.0145	−10.950	−0.435	25°1899
73. 3. 7	1	8 12 22.347	25 8 40.40			
73. 3.22	3	22.362	41.24			
73. 4. 2	2	22.346	41.16			
76. 3.17	3	22.264	40.60			
76. 4. 3	3	22.363	40.69			
4480	9.0	3.6895	−0.0170	−10.952	−0.446	28°1584
73. 3.13	3	8 12 24.570	28 51 34.71			
74. 3.18	2	24.492	35.74			
77. 3.22	1	24.579	36.25			v. ft.
4481	8.1	3.6492	−0.0158	−10.954	−0.441	27°1588
73. 2.28	3	8 12 25.974	27 15 26.27			Z.C. δ $26''.4$
73. 3.14	3	26.018	27.97			Z.C. Ep. 77.2
81. 3.22	3	26.155	25.37			
81. 3.22	2	25.955	26.17			

4482	$5^{m}.7$	$3^{s}.6581$	$-0^{s}.0161$	$-10''.957$	$-0''.442$	27°1589
76.	3.29	3	$8^{h}\,12^{m}\,28^{s}.146$	27° 37′ 13″.58	Z.C. δ 12″.1	
79.	4. 2	3	28.034	11.39		
80.	3.23	3	28.097	11.07		
80.	4. 1	3	28.102	12.32		

4483	8.9	3.6369	−0.0155	−10.961	−0.439	26°1764
74.	3. 6	3	8 12 31.417	26 45 39.47		
74.	3.23	3	31.336	38.75		
74.	3.25	3	31.222	39.79		
76.	3. 7	3	31.309	39.52		
76.	3.18	3	31.458	38.01		
77	3.23	3	31.508	38.84	v. ft.	
79.	3.29	3	31.192	39.46		

4484	9.3	3.7161	−0.0177	−10.974	−0.449	29°1735
73.	3.17	3	8 12 42.153	29 54 52.17		
74.	3.26	3	42.135	52.00		
75.	3.15	3	41.933	52.93		
76.	2.29	3	42.070	52.43		
77.	3.16	3	42.264	51.82		
78.	3.26	1	42.152	53.14		

4485	8.3	3.6151	−0.0150	−10.980	−0.436	25°1901
80.	3.25	3	8 12 46.833	25 53 17.39		
80.	3.25	3	46.863	18.10		
80.	4. 1	3	46.983	18.50		
90.	3.17	7	47.002	16.75		
90.	3.29	7	46.933	17.49		
90.	4. 2	7	46.893	16.54		

4486	9.3	3.6517	−0.0160	−10.980	−0.440	— —
75.	2. 4	1	8 12 47.508	27 23 1.92		
89.	3.22	6	47.712	5.72	v. ft. bad	
90.	3.11	6	47.616	4.21		

4487	8.8	3.6507	−0.0160	−11.006	−0.440	27°1592
75.	2. 4	3	8 13 8.878	27 21 36.91		
75.	3. 4	3	8.858	36.59		
78.	3.25	3	9.093	37.69		
81.	3.16	3	8.772	36.43		

4488	7.5	3.6107	−0.0149	−11.009	−0.435	25°1903
75.	3. 5	3	8 13 10.882	25 43 41.17		
76.	4. 3	2	10.916	41.80		
77.	3.19	3	11.150	42.35		
86.	4. 3	7	11.130	41.91		

4489	9.0	3.6780	−0.0168	−11.030	−0.443	28°1588
73.	3.13	3	8 13 28.557	28 28 49.78		
74.	3.18	3	28.529	49.30		
75.	3. 9	3	28.614	50.06		

4490	8.7	3.6596	−0.0162	−11.031	−0.441	27°1594
73.	2.28	3	8 13 29.034	27 44 44.15		
76.	3.10	3	29.052	43.85	$+1^{m}$	
76.	3.20	3	28.946	45.25		
76.	3.29	3	28.974	43.45		

4491	8.5	3.6339	−0.0156	−11.045	−0.437	26°1766
74.	3. 6	3	8 13 40.348	26 43 8.44		
74.	3.23	3	40.307	8.76		
74.	3.25	3	40.253	9.85		
76.	3. 7	3	40.363	7.91		
78.	4. 1	3	40.446	8.77		

4492	$9^{m}.0$	$3^{s}.5958$	$-0^{s}.0146$	$-11''.051$	$-0''.432$	25°1905
93.	3.16	7	$8^{h}\,13^{m}\,45^{s}.056$	25° 8′ 19″.38		
93.	3.17	7	45.127	19.43		

4493	9.0	3.5990	−0.0148	−11.054	−0.433	25°1906
73.	3.22	3	8 13 48.194	25 16 41.20	Z.C. δ 41″.0	
73.	4. 2	3	48.227	40.11		
80.	3.13	3	48.208	42.51	−4°	
80.	3.23	3	48.368	39.21		
81.	3.17	3	48.324	40.50		
81.	3.28	3	48.407	42.64	−1′	

4494	8.3	3.6958	−0.0173	−11.061	−0.445	29°1739
73.	3.17	3	8 13 53.612	29 12 39.37		
74.	2.27	3	53.557	38.47		
74.	3.26	3	53.655	39.31		
76.	3.24	2	53.522	39.40		
77.	2.28	3	53.599	38.45		
77.	2.28	2	53.669	39.27		
77.	3.16	3	53.717	37.68		
77.	3.21	3	53.587	38.50		
78.	3.26	3	53.624	38.36		
78.	4. 8	3	53.635	39.23		
78.	4. 8	3	53.695	38.69		
79.	4. 4	3	53.667	39.13		

4495	8.3	3.6542	−0.0162	−11.061	−0.440	27°1596
73.	3.14	3	8 13 54.076	27 33 28.73		
78.	4. 6	3	53.961	28.80		
79.	4. 2	3	54.035	29.09		
80.	3.24	3	54.173	27.41		

4496	8.8	3.6605	−0.0164	−11.086	−0.440	27°1597
73.	2.28	2	8 14 14.762	27 49 55.18		
75.	3. 4	3	14.624	58.86		
76.	3.20	3	14.786	58.02		

4497	8.5	3.6227	−0.0155	−11.119	−0.434	26°1768
74.	3. 6	2	8 14 41.418	26 19 10.74		
74.	3.23	3	41.325	9.25		
74.	3.25	3	41.371	10.49		
75.	3. 3	3	41.393	9.91		

4498	8.9	3.6397	−0.0159	−11.134	−0.436	27°1598
78.	3.25	3	8 14 53.823	27 1 56.61		
78.	4. 6	3	53.830	56.70		
80.	3.23	3	53.766	53.97		
80.	4. 1	3	53.790	55.95		
81.	3.31	3	53.857	55.64		

4499	7.6	3.6614	−0.0166	−11.156	−0.439	27°1599
73.	3.14	3	8 15 12.020	27 55 16.11		
75.	3. 4	3	12.098	15.95		
80.	3.24	3	11.926	14.28	? v. c. d.	

4500	8.2	3.6173	−0.0154	−11.157	−0.433	26°1770
74.	3.23	1	8 15 12.608	26 8 5.34		
74.	3.25	3	12.783	4.21		
74.	4. 8	3	12.846	4.30		
79.	3 29	3	12.684	5.35		

4501	9.1	3.6292	−0.0157	−11.165	−0.435	26°1771
85.	3.14	5	8 15 19.290	26 38 2.17		
85.	3.27	5	18.959	0.21	-5^{s}	
85.	3.28	7	19.164	1.59		

4502	**$8^{m}.4$**	**$3^{s}.6499$**	**$-0^{s}.0163$**	**$-11''.176$**	**$-0''.437$**	**27°1601**
76.	3.29	3	$8^{h}\,15^{m}\,28^{s}.341$		$27^{\circ}\,29'\,30''.05$	
78.	3.25	3	28.157		30.19	
80.	3.23	3	28.227		28.20	
4503	**9.0**	**3.6426**	**−0.0161**	**−11.178**	**−0.436**	**27°1602**
76.	3.10	3	8 15 30.176		27 11 38.94	?$-0^{s}.5$
80.	3.19	3	29.959		37.61	Z.C. δ 37″.6
80.	3.25	3	29.884		36.28	
4504	**9.5**	**3.6462**	**−0.0162**	**−11.187**	**−0.436**	**27°1603**
81.	2.26	3	8 15 37.351		27 21 3.80	Z.C. δ 3″.2
81.	3.16	3	37.534		3.63	+ 5′
81.	3.17	3	37.735		3.17	
81.	3.28	3	37.689		2.21	
81.	3.31	3	37.645		3.04	
4505	**9.2**	**3.6021**	**−0.0151**	**−11.220**	**−0.431**	**25°1910**
85.	4. 2	5	8 16 4.821		25 33 20.66	
86.	3.24	7	4.591		23.29	
90.	3.11	7	4.690		22.12	
4506	**8.9**	**3.6519**	**−0.0164**	**−11.222**	**−0.437**	**27°1604**
73.	2.28	3	8 16 6.298		27 36 56.72	
73.	3.14	3	6.300		57.01	
75.	3. 4	3	6.080		56.25	
77.	3.17	1	6.316		56.33	
4507	**9.1**	**3.6003**	**−0.0151**	**−11.225**	**−0.430**	**25°1911**
86.	3. 9	5	8 16 8.784		25 28 57.80	
86.	3.12	5	8.879		59.21	ft. §
86.	4. 3	2	8.880		59.84	cld.
4508	**8.8**	**3.6386**	**−0.0161**	**−11.236**	**−0.435**	**27°1605**
76.	3.29	3	8 16 17.902		27 5 6.57	
78.	3 25	3	17.663		6.05	
78.	4. 6	3	17.670		7.27	
4509	**8.9**	**3.5938**	**−0.0149**	**−11.237**	**−0.429**	**25°1912**
73.	3. 7	3	8 16 18.879		25 13 9.20	
73.	3.22	3	18.939		9.93	
73.	4. 2	3	18.832		7.87	
75.	3. 5	3	18.787		9.38	
76.	3.17	3	18.900		9.49	
77.	3.19	3	18.937		9.13	
77.	3.19	2	18.957		9.51	
4510	**9.1**	**3.6322**	**−0.0159**	**−11.245**	**−0.434**	**26°1776**
74.	3. 6	3	8 16 25 860		26 49 57.56	
74.	3.23	2	25.876		55.70	
74.	3.25	3	25.902		56.30	
76.	3.18	3	25.665		56.39	
79.	3.29	3	25.867		56.39	
4511	**8.6**	**3.6893**	**−0.0175**	**−11.260**	**−0.440**	**29°1747**
73.	3.17	3	8 16 37.924		29 9 9.48	Z.C. δ 7″.6
73.	3.26	3	38.091		7.67	
74.	2.27	3	38.061		6.87	
74.	3.26	3	38.082		7.11	
75.	3.15	3	38.073		7.93	
76.	2.29	3	38 069		6.28	
77.	2.28	3	37.882		7.21	
77.	2.28	3	37.892		8.41	
77.	3.16	3	37.925		7.07	
77.	3.16	2	38.035		7.13	
77.	3.21	3	37.795		7.90	
78.	3.26	3	38.007		8.06	
78.	4. 8	3	37.925		7.02	−1
79.	4. 4	3	37.968		8.44	
4512	**$8^{m}.2$**	**$3^{s}.6324$**	**$-0^{s}.0160$**	**$-11''.274$**	**$-0''.433$**	**26°1778**
74.	3. 6	1	$8^{h}\,16^{m}\,49^{s}.119$		$26^{\circ}\,52'\,1''.49$	
74.	3.25	1	49.269		0.63	
74.	4. 8	3	49.392		0.04	
4513	**8.7**	**3.6445**	**−0.0164**	**−11.275**	**−0.434**	**27°1606**
75.	3. 4	3	8 16 49.990		27 22 0.49	
76.	3.20	3	50.209		1.62	
76.	3.29	1	50.036		0.78	
4514	**9.1**	**3.6077**	**−0.0154**	**−11.285**	**−0.430**	**25°1915**
85.	3.28	4	8 16 58.972		25 51 6.26	
89.	3. 5	7	58.835		6.66	
89.	3 22	5	58.892		5.57	
4515	**9.1**	**3.5833**	**−0.0147**	**−11.291**	**−0.428**	**24°1919**
86.	3 31	7	8 17 3.615		24 49 9.49	
89.	3.12	5	3.671		9.74	
90.	3.14	7	3.752		9.88	
4516	**9.0**	**3.5894**	**−0.0149**	**−11.305**	**−0.428**	**25°1916**
73.	3. 7	2	8 17 15.456		25 5 49.86	
73.	3.22	3	15.475		49.32	
73.	4. 2	3	15.528		48.01	
75.	3. 5	3	15.414		47.59	
76.	3.17	3	15.435		48.96	
4517	**9.1**	**3.6833**	**−0.0175**	**−11.314**	**−0.439**	**29°1748**
73.	3.27	2	8 17 22.997		28 58 6.69	
74.	3.18	2	22.713		6.08	
77.	3.22	3	22.780		5.61	v. ft.
4518	**9.0**	**3.6780**	**−0.0173**	**−11.316**	**−0.438**	**28°1598**
73.	3.13	3	8 17 23.951		28 45 33.27	
73.	3.27	3	24.079		33.08	
74.	3.18	3	23.872		33.13	
75.	3. 9	3	24.033		33.55	
4519	**9.1**	**3.6019**	**−0.0152**	**−11.318**	**−0.429**	**25°1917**
87.	3.23	4	8 17 25.745		25 38 13.02	
90.	3.17	7	25.901		12.82	
4520	**8.4**	**3.6578**	**−0.0168**	**−11.321**	**−0.436**	**28°1599**
80.	3.25	3	8 17 28.628		27 57 2.05	Z.C. δ 3″.0
80.	3.25	3	28.658		3.15	
85.	3.14	5	28.714		3.85	
4521	**8.4**	**3.7105**	**−0.0182**	**−11.332**	**−0.441**	**30°1706**
76.	2.29	3	8 17 37.40[illegible]		30 3 17.62	Z.C. δ 17″.5
81.	3.17	3	37.257		17.81	
81.	3.17	2	37.297		18.04	
86.	3. 9	7	37.304		16.56	
86.	3.12	5	37 368		17.60	
4522	**7.8**	**3.5805**	**−0.0148**	**−11.349**	**−0.425**	**24°1921**
85.	3.30	7	8 17 51.738		24 45 12 59	n. f. of 2
85.	4. 2	7	51.895		9.69	
90.	4. 3	7	51.831		11.98	n. f.
4523	**8.9**	**3.6264**	**−0.0160**	**−11.365**	**−0.431**	**26°1780**
74.	3 6	3	8 18 5 629		26 42 31.88	
74.	3.23	3	5.693		31.00	
74.	3.25	2	5.628		32.56	
76.	3. 7	3	5.441		31.92	
78.	4. 1	3	5.511		30.89	
79.	3.29	3	5.428		31.47	

4524	$9^m.5$	$3^s.5995$	$-0^s.0153$	$-11''.378$	$-0''.427$	25°1918
90.	4. 2	4	$8^h18^m15^s.782$	$25°\,35'\,25''.46$		v. ft. †
4525	7.7	3.6831	−0.0175	−11.392	−0.437	29°1753
73.	3.17	3	8 18 27.313	29 2 4.61		
73.	3.26	3	27.407	4.14		
74.	2.27	3	27.407	4.35		
74.	3.26	3	27.395	4.35		
75.	3.15	3	27.330	5.07		
77.	3.21	3	27.499	4.66		
78.	3.26	3	27.358	5.00		
78.	4. 8	3	27.405	4.54		
4526	8.0	3.6773	−0.0174	−11.394	−0.436	28°1600
73.	3.13	3	8 18 29.152	28 48 27.46		
73.	3.27	2	29.240	28.61		
75.	3. 9	3	29.062	27.38		
4527	8.5	3.6304	−0.0163	−11.410	−0.430	26°1782
73.	3.24	3	8 18 43.012	26 55 1.12		
74.	4. 8	3	43.087	1.09		
76.	3. 7	3	42.916	1.98		
4528	9.5	3.6168	−0.0158	−11 412	−0.429	26°1783
74.	3. 6	1	8 18 44.191	26 21 4.10		
74.	3.23	3	44.153	3.51		
76.	3.18	3	44.055	4.68		
78.	4. 1	3	44 205	5.14		
4529	6.1	3.6641	−0.0171	−11.421	−0.434	28°1602
74.	3.18	3	8 18 51.475	28 18 12.12		
77.	3.22	3	51.387	11.25		
80.	3.24	3	51.415	10.35		§
80.	3.24	2	51.314	9.90		
87.	4. 2	7	51.426	10.03		
87.	4. 7	7	51.531	11.17		
90.	3.11	7	51 433	9.40		
4530	9.2	3.6108	−0.0157	−11.433	−0.427	26°1784
79.	3.29	3	8 19 1.237	26 6 55.29		$+1^m$
92.	3.24	6	1.807	54.44		
92.	3.25	6	1.596	54.00		
4531	8.4	3.6679	−0.0172	−11.436	−0.434	28°1603
73.	3.13	3	8 19 4.074	28 28 9.14		Z.C. δ 10″.0
75.	3. 9	3	4.009	10.30		
78.	4. 6	3	3.880	10.46		
4532	5.5	3.6398	−0.0165	−11.447	−0.431	27°1612
73.	3.14	3	8 19 13.561	27 20 29.56		d. m.
75.	3. 4	3	13.290	28.72		d. m.
76.	3.20	3	13.597	29.80		c. d. m. [-1^s
76.	3.29	3	13.392	30.23		d. m.−1 int. w. 3
77.	3.17	3	13.391	26.00		} c. d. s.
77.	3.17	2	13.391	30.20		} c. d. n.
78.	3.25	3	13.264	26.66		} d.
78.	3.25	3	13.404	27.81		} d.
79.	4. 2	3	13.355	28.72		} d.m.
79.	4. 2	2	13.305	29.37		} d.m.

The mean of each of the 3 pairs of observations was used for Z.C.

4533	$6^m.9$	$3^s.5828$	$-0^s.0150$	$-11''.447$	$-0''.424$	25°1920 A
73.	3. 7	3	$8^h19^m13^s.586$	$24°\,56'\,37''.28$		d. s. p.
73	3.22	3	13.592	36.51		d. s. p.
75.	3. 5	3	13.647	35.27		d. s. p.
76.	4. 3	3	13.491	36.39		d. s. p.
92.	3. 8	6	13.816	36.04		
73.	4. 2	3	13.693	39.31		d. m.
4534	7.5	3.5828	−0.0150	−11.448	−0 424	25°1920 B
73.	3. 7	1	8 19 14.156	24 56 41.43		
92.	3.19	7	13.866	40.25		n. f.
92.	3.28	5	14.266	41.11		n. f.
4535	8.5	3.7053	−0.0184	−11.460	−0.439	30°1709
80.	3.13	3	8 19 24.088	29 58 57.90		
81.	3.22	3	24 259	56.57		
85.	3.14	5	24.176	57.50		
86.	3.24	5	24.085	58.00		
89.	3. 5	7	24.154	57.00		
89.	3 22	5	24.176	57.32		
4536	9.0	3.6099	−0.0158	−11.485	−0.426	26°1786
73.	3.24	2	8 19 45.651	26 7 61.24		
74.	3. 6	1	45.662	60.00		
74.	3.23	2	45.553	59.69		
76.	3.18	3	45.459	60.61		
78.	4. 1	3	45.485	60.43		
4537	9.1	3.5965	−0.0154	−11.486	−0.425	25°1921
92.	4. 2	6	8 19 45.857	25 33 53.50		†
4538	9.5	3.5915	−0.0153	−11.487	−0.424	25°1922
73.	4. 2	3	8 19 46.655	25 21 13.12		
92.	3.22	4	46.766	13.38		v. ft.
93.	3.16	3	47.030	13.24		
4539	8.8	3.6364	−0.0165	−11.500	−0.430	27°1613
75.	3. 4	3	8 19 58.067	27 15 16.63		
76.	3.29	3	58.185	17.56		
78.	3.25	1	58.240	17.25		
4540	9.5	3.6606	−0.0172	−11.507	−0.433	28°1605
74.	3.18	1	8 20 3.676	28 15 1.73		†
4541	8.7	3.6538	−0.0170	−11.507	−0.432	28°1606
80.	3.23	3	8 20 3.746	27 58 12.35		d.s.f.
80.	3.25	3	3.779	13.18		d.s.
81.	2.26	3	3.844	13.39		d.s. Z.C. δ 13″.0
4542	8.8	3.6915	−0.0181	−11.517	−0.436	29°1755
73.	3.17	3	8 20 11.974	29 29 54.14		+ 5′
73.	3.26	3	12.039	54.11		
74.	3.26	3	12.016	54.08		
75.	3.15	3	12.009	54.88		
76.	3.24	3	11.802	54.46		
77.	3.16	3	12.125	53.66		
77.	3.16	3	12.155	53.24		
77.	3.21	3	11.834	54.89		
78.	4. 8	3	11.924	53.87		
79.	4. 4	3	11.964	54.87		
4543	9.2	3.5912	−0.0153	−11.530	−0.423	— —
76.	4. 3	2	8 20 23.186	25 23 1.27		†

4544	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.6585$	$-0^{\mathrm{s}}.0172$	−11″.559	−0″.431	28°1607
73. 3.27	3	$8^{\mathrm{h}}20^{\mathrm{m}}47^{\mathrm{s}}.023$		28° 12′ 56″.40		Z.C. δ54″.9
80. 3.19	3	47.298		55.21		
80. 3.24	3	47.046		53.08		
4545	8.9	3.6678	−0.0175	−11.562	−0.432	28°1608
73. 3.13	3	8 20 50 163		28 35 47.40		
75. 3. 9	3	50.036		46.99		+1′
77. 3.22	3	50.141		46.16		
4546	8.1	3.5802	−0.0151	−11.579	−0.421	25°1927
73. 3. 7	3	8 21 4.262		24 57 11.89		
73. 3.22	3	4.146		13.06		
73. 4. 2	3	4.265		9.45		
75. 3. 5	3	4.137		11.87		
4547	5.8	3.5709	−0.0148	−11.588	−0.420	24°1931
85 3.14	5	8 21 11.938		24 33 29.06		
85. 3.28	7	11.961		28.79		
86. 3.31	7	11.974		29.15		
4548	8.9	3.6763	−0.0179	−11.614	−0 432	29°1758
81. 3.22	3	8 21 33.842		28 59 36.26		
85. 3.30	7	33.571		36.01		−1′
85. 4. 2	7	33.699		34.36		
89. 3. 5	7	33.787		35.79		
89. 3.22	7	33.798		36.39		
4549	8.0	3.6984	−0.0185	−11.617	−0.434	29°1759
73. 3.17	3	8 21 35.694		29 52 56.20		
74. 3.26	3	35.729		55.19		
75. 3.15	3	35.720		58.24		
4550	9.4	3.6307	−0.0165	−11.621	−0.426	27°1614
73. 3.14	3	8 21 39.182		27 8 10.72		
75. 3. 4	3	39.101		9.80		
76. 3.20	2	39.048		11.35		$+0^{\mathrm{s}}.5$
4551	9.1	3.5941	−0.0155	−11.623	−0.422	25°1931
86. 3.24	7	8 21 41.277		25 35 35.91		
87. 3.23	7	41.303		35.91		
90. 3.11	7	41.256		35.33		
4552	9.4	3.7001	−0.0186	−11.628	−0.434	30°1716
73. 3.26	3	8 21 45.501		29 57 26.35		
80. 3.13	3	45.426		26.76		
80. 4 1	3	45.486		26.91		
90. 3.14	7	45.527		25.81		
4553	9.4	3.6720	−0.0178	−11.636	−0.431	28°1611
74. 3.18	3	8 21 51.938		28 50 47.11		
80. 3.23	3	52.449		47.02		
80. 3.25	3	52.332		47.82		
4554	7.0	3.5738	−0.0151	−11.663	−0.419	24°1934
86. 3. 9	7	8 22 14.830		24 45 33 14		
86. 3.12	7	14.838		33.99		
4555	6.9	3.6170	−0.0163	−11.668	−0.424	26°1789
73. 3.24	3	8 22 19.015		26 36 27.29		Z.C. δ26″.7
74. 3. 6	3	18.960		26.19		
74. 3.23	3	19.088		26.78		
74. 4. 8	3	18.992		26.91		
76. 3. 7	3	18.964		25.84		
78. 4. 1	3	18.959		27.34		
4556	$8^{\mathrm{m}}.7$	$3^{\mathrm{s}}.6621$	$-0^{\mathrm{s}}.0176$	−11″.686	−0″.429	28°1613
73. 3.13	3	$8^{\mathrm{h}}22^{\mathrm{m}}33^{\mathrm{s}}.724$		28° 29′ 49″.69		
73. 3.27	3	33.816		48.05		
74. 3.18	2	33.879		48.61		
75. 3. 9	3	33.736		49.31		
4557	9.0	3.5825	−0.0153	−11.686	−0.419	25°1934
73. 3. 7	3	8 22 33.898		25 9 12.76		+5′
73. 3.22	3	33.853		13.67		
73. 4. 2	3	33.889		11.89		
75. 3. 5	3	33.874		12.48		
76. 3.17	3	34.018		13.82		
4558	9.0	3.6834	−0.0183	−11.711	−0.431	29°1764
73. 3.17	3	8 22 55.033		29 22 54.45		
73. 3.26	3	55.076		53.90		
74. 3.26	3	55.052		53.73		
77. 3.16	3	55.259		54.10		
77 3.21	3	54.896		54.05		
4559	8.4	3.6111	−0.0162	−11.747	−0.422	26°1792
74. 3.23	3	8 23 26.108		26 26 22.48		Z.C. δ22″.3
74 3.25	3	26.062		22.33		
78. 4. 1	3	26.164		22.76		
79. 3.29	3	25.965		21.68		
4560	8.4	3.6140	−0.0164	−11 764	−0.422	26°1793
74. 3.23	3	8 23 40.458		26 34 51.74		
74. 3.25	2	40.502		52.77		
76. 3. 7	3	40.432		53.34		
80. 3.25	3	40.330		50.92		
80. 4. 1	3	40.459		51.32		
4561	7.4	3.6039	−0.0161	−11.772	−0.420	26°1794
76. 3 18	3	8 23 46.829		26 9 35.17		p. of 2
78. 4. 1	3	46.839		32.28		
80. 3.24	3	46.857		30.23		
4562	8.9	3.5729	−0.0153	−11.777	−0.417	24°1938
73. 4. 2	3	8 23 50.825		24 49 46.49		
75. 3. 5	3	50 836		45.97		
76. 3.17	3	50.823		46.42		
4563	8.9	3.5858	−0.0156	−11.790	−0.418	25°1937
73. 4. 2	3	8 24 2.285		25 23 57.56		
80 4. 1	2	2.462		58.95		
82. 4. 6	3	2.308		57.56		
4564	5.8	3.5650	−0.0151	−11 796	−0.415	24°1940
85. 3.14	5	8 24 6.944		24 30 4.17		
87. 4. 7	7	6.805		4.10		
4565	9.5	3.6590	−0.0178	−11.821	−0.426	— —
75. 3. 9	3	8 24 28.171		28 30 55.14		†
4566	9.5	3.6543	−0.0176	−11.824	−0.425	28°1619
74. 3.18	3	8 24 31.113		28 19 33.01		
80. 3.13	3	31.153		34.32		
4567	9.3	3.5908	−0.0158	−11.830	−0.418	25°1938
73. 4. 2	1	8 24 35.999		25 39 14.62		
92. 3.19	7	36.010		13 17		n. f. of 2
92. 3.24	7	36.116		12.81		

4568	7^{m}5	3^{s}6890	−0^{s}0187	−11″832	−0″429	29°1772
74. 3.26	1	8^h 24^m 38^{s}011	29° 44′ 24″59			
79. 4. 4	3	38.021	23.93			
82. 4. 5	3	38.018	22.98			
82. 4. 6	3	37.793	24.66			
4569	8.5	3.6926	−0.0188	−11.833	−0.430	29°1770
74. 3.26	3	8 24 38.693	29 53 14.42			
77. 3 16	3	38.456	13.52			
77. 3.21	3	38.595	14.45			
4570	9.0	3.6068	−0.0164	−11.859	−0.419	26°1796
74. 3.23	3	8 25 0.857	26 22 11.60			
74. 3.25	3	0.520	12.74			
78. 4. 1	3	0.869	12.12			
79. 3.29	3	0.767	12.20			
4571	8.5	3.5861	−0.0158	−11.863	−0.416	25°1942
75. 3. 5	3	8 25 4.270	25 29 20.25			
86. 3.24	7	4.202	21.52			
4572	8.9	3.5977	−0.0161	−11.870	−0.418	26°1798
80. 3.25	3	8 25 9.979	25 59 49.23			
82. 4. 5	1	10.005	49.39			
4573	9.0	3.6434	−0.0174	−11.871	−0.424	27°1623
77. 3 17	3	8 25 11.047	27 55 30 53			thick haze
80. 3.24	3	10.667	30.28			d. s.
84. 4. 5	4	10.834	31.49			
4574	8.9	3.5913	−0.0159	−11.886	−0.416	25°1944
86. 3. 9	5	8 25 23.830	25 44 14.88			
86. 3.12	5	23.607	16.40			
4575	9.1	3.6641	−0.0180	−11 896	−0.425	28°1620
74. 3.18	3	8 25 32.079	28 48 12.39			
75. 3. 9	3	32.325	12.68			
77. 3.22	3	32.305	12.16			
4576	9.2	3.6377	−0.0173	−11.899	−0.422	27°1624
93. 3.16	7	8 25 34.228	27 43 11.08			
93. 3.17	6	34.308	12.01			
4577	9.0	3.6136	−0.0166	−11.899	−0.419	26°1801
74. 3.23	2	8 25 34.388	26 42 25.88			
76. 3.18	2	34.395	25.24			v. ft.
79. 3.29	3	34.178	26.52			
4578	8.5	3.6835	−0.0187	−11.929	−0.427	29°1778
77. 3.16	3	8 25 60.045	29 37 48.28			
77. 3.21	3	59.813	48.98			
85. 3.14	5	59.971	48.04			
4579	8.5	3.6379	−0.0174	−11.934	−0.421	27°1627
80. 3.25	3	8 26 4.876	27 46 5.97			
80. 4. 1	3	4.969	7.54			
84. 3.21	3	4.874	8.54			
84. 3.24	4	4.853	6.16			
4580	9.4	3.6178	−0.0169	−11.972	−0.418	27°1628
93. 3.18	7	8 26 36.830	26 57 29.19			
93. 3.20	5	36.961	29.00			
4581	8^{m}5	3^{s}6387	−0^{s}0175	−11″973	−0″420	27°1629
81. 3.30	3	8^h 26^m 38^{s}237	27° 50′ 32″87			
84. 3.21	3	38.104	34.15			
84. 4. 5	7	38.058	32.55			
4582	8.0	3.5873	−0.0160	−11.975	−0.415	25°1950
73. 4. 2	3	8 26 39.949	25 39 31.19			
76. 4. 3	1	39.782	30.08			
4583	9.4	3.6641	−0.0182	−11.976	−0.423	28°1622
74. 3 18	3	8 26 40.612	28 53 37.24			
75. 3. 9	3	40.748	38.35			
4584	8.7	3.5726	−0.0156	−11.981	−0.412	25°1951
82. 4 5	1	8 26 45.035	25 1 6.06			
82. 4. 6	3	44.984	6.79			
4585	8.4	3.5934	−0.0162	−11.988	−0.415	26°1803
74. 3.23	3	8 26 50.728	25 56 8.37			Z.C. δ 8″4
74. 3.25	3	50.641	9.84			
78. 4. 1	3	50.658	8.30			
80. 3.24	3	50.631	6.96			
4586	9.0	3.6574	−0.0180	−12.000	−0.422	28°1623
74. 3.18	1	8 27 0.757	28 38 43.69			
75. 3. 9	1	1.153	45.52			*
77. 3.22	3	0 836	45.20			
4587	9.2	3.5707	−0.0156	−12.002	−0.412	25°1952
73. 4. 2	3	8 27 2.479	24 57 12.60			
86. 3. 9	5	2.386	12.15			
86. 3.12	5	2.461	13.18			
4588	8.5	3.6629	−0.0182	−12.002	−0.423	28°1624
78. 4. 6	3	8 27 2.427	28 52 10.91			
80. 4. 1	3	2.480	10.64			
83. 4. 6	1	2.583	12.55			
4589	8.9	3.6683	−0.0184	−12.007	−0.423	29°1780
73. 3.17	2	8 27 6.982	29 6 1.43			
73. 3.26	3	6.803	2.01			
74. 3.26	3	7.023	1.88			ft.
77. 3.16	3	6.994	3.03			
77. 3.21	3	6.961	1.84			
4590	9.4	3.5992	−0.0164	−12.011	−0.415	26°1804
73. 3.24	2	8 27 10.366	26 12 22.85			
79. 3.29	2	10.282	21.51			
4591	9.3	3.6396	−0.0176	−12.012	−0.420	27°1630
84. 3.24	5	8 27 10.904	27 55 11.96			
92. 4. 2	7	10.972	11.79			
4592	9.0	3.6166	−0.0170	−12.040	−0.417	27°1631
73. 3.14	2	8 27 34.995	26 58 48.58			
75. 3. 4	3	34.965	50.22			
76. 3.20	3	34.975	48 92			
76. 3.29	3	34.967	49.89			
78. 3.25	2	34.873	50.65			

4593 9^{m}3 3^{s}6555 −0^{s}0181 −12$''$044 −0$''$421 28°1625

73. 3.27	3	8^{h}27^{m}38^{s}901	28° 37′ 1$''$97	Z.C. δ 1$''$4
80. 3.23	3	38.952	1.18	
81. 3.16	3	38.908	2.11	
81. 3.30	3	39.083	0.50	
81. 4. 4	2	39.007	1.12	
82. 3.14	3	38.786	1.64	

4594 9.4 3.5985 −0.0164 −12 049 −0.414 26°1805

74. 3. 6	3	8 27 42.683	26 12 53.35	†
74. 3.23	2	42.554	51.91	
74. 3.25	3	42.636	53.37	

4595 8.5 3.5995 −0.0165 −12.067 −0 414 26°1806

74. 3. 6	1	8 27 58.152	26 16 45.47
74. 4. 8	3	58.130	44.65
76. 3. 7	2	57.927	45.92

4596 9.0 3.5642 −0.0155 −12.074 −0.410 24°1952

85. 3.14	5	8 28 4.566	24 44 34.61
87. 4. 7	7	4.492	34.63
90. 3.29	5	4.351	33.46

4597 9.4 3.5656 −0 0156 −12.093 −0.411 24°1953

90. 3.17	7	8 28 20.557	24 49 12.88
92. 4. 1	6	20.659	14.19

4598 8.3 3.6659 −0.0186 −12.122 −0.421 29°1785

73. 3.26	3	8 28 45.717	29 8 16.53
74. 3.26	3	45.830	15.74
76. 3.24	3	45.747	17.38
77. 3.16	3	45.732	14.97
77. 3.21	3	45.744	15.75
78. 3.26	3	45.702	15.90

4599 8.7 3.6713 −0.0188 −12.136 −0.421 29°1786

73. 3.17	3	8 28 57.275	29 22 13.43
74. 3.26	3	57.260	12.60
77. 3.16	3	57.440	10.20
78. 3.26	3	57.281	12.24

4600 9.1 3.6277 −0.0175 −12.153 −0.416 27°1636

73. 3.14	3	8 29 12.221	27 34 37.00
75. 3. 4	3	12.209	35.64
76. 3.20	3	12.417	35.63
76. 3.29	3	12.183	34.81
78. 3.25	3	12.130	35 25

4601 7.8 3.5994 −0.0167 −12.155 −0.412 26°1809

73. 3.24	3	8 29 14.303	26 22 6.38
74. 3. 6	2	14.468	6.24
74. 3.23	3	14.424	5.61
74. 3.25	3	14.296	6.48
78. 4. 1	3	14.387	5.67
78. 4. 1	3	14.437	5.56
78. 4. 8	3	14.500	5.69
79. 3.29	3	14.211	6.00

4602 9.1 3.6719 −0.0188 −12.162 −0.421 29°1787

77. 3.21	2	8 29 20.054	29 25 38.02
85. 3.30	5	19.830	36.68
85. 4. 2	7	19.967	35.07

4603 9^{m}0 3^{s}5656 −0^{s}0157 −12$''$168 −0$''$408 24°1956

93. 3.16	7	8^{h}29^{m}25^{s}235	24° 54′ 8$''$02
93. 3.17	7	25.426	9.55

4604 8.4 3.6565 −0.0184 −12.182 −0.418 28°1627

73. 3.13	3	8 29 37.260	28 49 7.17
73. 3.27	3	37.407	7.26
77. 3.22	3	37.366	6.91
77. 4 7	3	37.373	7.41
78. 4. 6	3	37.409	6.75

4605 9.5 3.5655 −0.0157 −12.188 −0.407 24°1957

86. 3.31	6	8 29 42.571	24 55 3.14
94. 2.27	4	42 402	0.44

4606 9.0 3.5793 −0.0161 −12.188 −0.409 25°1958

73. 3. 7	3	8 29 42.723	25 31 29.14
73. 3.22	3	42.780	30.05
73. 4. 2	3	42.816	27.50

4607 8.8 3.5831 −0.0162 −12.192 −0 410 25°1959

76. 3.17	3	8 29 45.618	25 41 51.95
76. 4. 3	3	45.502	52.42
86. 3.24	7	45.581	52.54
86. 4. 3	5	45.516	51.35

4608 9.5 3.6866 −0.0193 −12.192 −0.421 30°1736

76. 2.29	3	8 29 46.388	30 3 48.54	†

4609 6.5 3.6540 −0.0184 −12.193 −0.417 28°1628

74. 3.18	3	8 29 46.466	28 43 42.47
76. 4. 7	2	46.926	42.42
77. 3.15	1	46.686	41.53

4610 8.9 3.6553 −0.0184 −12.215 −0.417 28°1629

73. 3.27	2	8 30 6.202	28 48 23.89
78. 4. 6	3	6.013	23.24
78 4. 8	3	6.066	24.28
80. 3.23	3	6.209	22.91
80. 3.24	3	5.935	22.72

4611 8.7 3.6138 −0.0171 −12 217 −0.413 27°1640

73. 3.14	3	8 30 7.254	27 3 15.47
75. 3. 4	3	7.215	15.59
76. 3.20	2	7.319	16.09
76. 3.29	3	7.314	15.40
78. 3.25	3	7.379	15.80

4612 7.8 3.6045 −0.0169 −12.228 −0.412 26°1815

73. 3 24	3	8 30 17.532	26 40 17.76
74. 3. 6	2	17.519	17.91
74. 3.23	3	17.609	16.41
74. 3.25	3	17.481	17.18
74. 4. 8	3	17.715	15.15
76. 3. 7	2	17.324	16.77

4613 9.2 3.5634 −0.0158 −12.237 −0.406 24°1961

73. 3. 7	3	8 30 24.585	24 52 37.74
73. 3.22	3	24.480	38.60
73. 4. 2	3	24.574	37.65
76. 3.17	3	24.623	37.96
76. 4. 3	2	24.551	38.68

4614	$9^{m}1$	$3^{s}5685$	$-0^{s}0159$	−12″240	−0″407	25°1961
81.	3.17	3	$8^{h}30^{m}27^{s}202$	25° 6′ 39″94		Z.C. δ 38″6
87.	3.23	7	27.280	38.32		
90.	3.11	7	27.225	37.61		
4615	9.1	3.6118	−0.0171	−12.241	−0.412	27°1641
85.	3.28	5	8 30 28.592	26 59 52.88		
89.	4. 5	7	28.590	52.27		
90.	4. 3	7	28.436	53.84		
4616	9.1	3.5600	−0.0157	−12.249	−0.406	24°1962
89.	3. 5	7	8 30 35.453	24 44 22.23		
89.	3.22	7	35.435	23.48		
4617	9.3	3.6410	−0.0180	−12.253	−0.415	28°1630
73.	3.13	3	8 30 38.561	28 14 58.18		
74.	3.18	3	38.576	58.36		
80.	3.25	3	38.704	57.80		
80.	4. 1	3	38.868	58.63		
81.	3.28	3	39.123	57.96		
4618	7.5	3.5996	−0.0168	−12.256	−0.410	26°1816
74.	3.23	1	8 30 41.143	26 29 21.60		
74.	3.25	2	41.226	22.97		
78.	4. 1	3	41.177	21.76		
79.	3.29	3	40.953	21.21		
4619	9.0	3.6849	−0.0194	−12.259	−0.420	30°1739
73.	3 17	3	8 30 44.063	30 4 15.77		
73.	3.26	3	44.142	15.37		
74.	3.26	3	44 133	14.20		
76.	2.29	3	43.946	14.75		
79.	4. 4	3	44.017	14.38		
4620	9.5	3.5632	−0.0158	−12.267	−0.406	— —
81.	2.26	3	8 30 50.465	24 54 9.63		†
4621	9.5	3.5631	−0.0158	−12.276	−0.406	24°1964
73.	4. 2	2	8 30 58.770	24 54 33.24		+5′, f. of 2
92.	3.25	4	59.152	32.42		v. ft. [$59^{s}17$
92.	3.31	1	59.574	34.35		v. ft Z.C. α
4622	9.5	3.5634	−0.0159	−12.279	−0.406	24°1965
86.	3. 9	5	8 31 1.571	24 55 19.97		†
90.	4. 2	4	1.663	21.62		
92.	3.19	6	1.689	20.34		
4623	9.5	3.5643	−0.0159	−12.280	−0.406	25°1962
81.	4. 4	2	8 31 2.171	24 57 33.92		ex. ft. † Z.C. δ 33″9
4624	9.4	3.5671	−0.0160	−12.307	−0.408	25°1964
80.	3.23	3	8 31 25.790	25 6 51.75		− 30′
84.	3.24	4	26.075	50.96		bad. ex. ft.−1^{m}
95.	2.25	7	25.640	51.40		Z.C. δ 51″6
95.	3.16	7	25.217	52.18		
4625	9.4	3.6173	−0.0175	−12.309	−0.411	27°1643
73.	3.14	3	8 31 27,591	27 18 60.63		Z.C. δ 59″2
90.	3.17	7	27.626	58.53		
90.	3.29	4	27.779	58.52		+ 1 int.

4626	$8^{m}5$	$3^{s}5616$	$-0^{s}0158$	−12″322	−0″404	24°1969
73.	3. 7	3	$8^{h}31^{m}38^{s}955$	24° 53′ 14″55		
76.	3.17	3	39.133	14.17		
85.	3.30	7	38.900	13.19		
85.	4. 2	6	39.032	12.73		
92.	3.30	7	39.070	14.31		
4627	9.2	3.6025	−0.0171	−12.325	−0.409	26°1817
76.	3. 7	3	8 31 41.112	26 41 44.76		
92.	3.24	3	41.482	44.64		v. ft.
92.	4. 1	7	41.500	43.74		
4628	9.0	3.5715	−0.0161	−12.327	−0.406	25°1965
80.	3.24	3	8 31 42.427	25 19 52.80		
81.	2.26	3	42.630	54.60		
81.	3.16	3	42.354	54.36		
81.	3.22	3	42.630	52.65		
83.	4. 6	3	42.611	55.40		
4629	8.6	3.5729	−0.0162	−12.330	−0.406	25°1966
76.	4. 3	2	8 31 45.423	25 23 58.80		
80.	4. 1	3	45.752	59.04		
81.	3.30	3	45.685	58.54		
4630	8.9	3.6804	−0.0195	−12.338	−0.418	30°1743
73.	3.17	3	8 31 52.088	29 58 59.10		
73.	3.26	3	52.037	60.11		
76.	3.24	3	52.058	59.28		
77.	3.16	3	52.171	59.27		
77.	3.21	3	52.207	60.60		
78.	3.26	3	52.171	59.67		
4631	8.6	3.5644	−0.0160	−12.362	−0.404	25°1969
73.	3. 7	3	8 32 13.248	25 3 27.72		
73.	3.22	3	13.151	27.60		
80.	3.23	3	13.225	27.72		
80.	3.24	3	13.047	26.02		
81.	3.17	3	13.153	29.08		
4632	8.6	3.6544	−0.0187	−12.363	−0.415	29°1797
74.	3.26	3	8 32 14.050	28 56 26.64		
76.	3.24	3	14.061	27.56		
77.	3 16	3	14.091	27.87		-1^{s}
86.	4. 3	7	14.086	28.09		
4633	9.5	3.6010	−0.0171	−12.369	−0.408	— —
74.	3. 6	3	8 32 19.906	26 40 44.65		†
4634	8.6	3.6727	−0.0193	−12.379	−0.416	29°1798
74.	3.26	3	8 32 28.495	29 43 17.32		Z.C. δ 18″5
78.	3.26	3	28.414	19.43		
78.	4. 8	3	28.386	18.28		
81.	3.28	3	28.483	18.41		
81.	4. 4	2	28.318	19.09		
4635	9.4	3.6642	−0.0191	−12.380	−0.415	29°1799
76.	2.29	3	8 32 28.717	29 22 13.05		
85.	3.14	5	28.939	13.74		−5′
86.	3.24	7	28.785	13.21		
4636	9.3	3.6438	−0.0184	−12.396	−0.412	28°1637
73.	3.13	3	8 32 43.143	28 32 20.01		
73.	3.27	3	43.126	18.44		
74.	3.18	3	43.012	18.97		
74.	3.18	2	42.832	18.55		

4637	$8^m.8$	$3^s.5993$	$-0^s.0171$	$-12''.408$	$-0''.407$	26°1822
73.	3.24	3	$8^h\,32^m\,53^s.548$	26° 38′ 57″.85		
74.	3. 6	3	53.812	57.37		
74.	3.23	3	53.787	57 23		
74.	3.25	3	53.645	59 25		
4638	8.7	3.5963	−0.0170	−12.410	−0.407	26°1823
74.	3.25	3	8 32 54.924	26 31 8.84		
74.	4. 8	3	54.851	6.41		
85.	3.19	1	54.882	8.94		
4639	9.4	3.5863	−0.0167	−12.412	−0.405	26°1825
76.	3. 7	2	8 32 57 255	26 4 54.55		
78.	4. 1	3	57.252	54.89		
79.	3.29	3	57.055	54.64		
4640	9.5	3.5576	−0.0159	−12.414	−0.401	24°1972
73.	4. 2	3	8 32 58.687	24 48 33.30		†
4641	9.3	3.6575	−0.0189	−12.421	−0.413	29°1802
86.	3. 9	7	8 33 4.546	29 8 38.74		
86.	3.31	5	4.622	40.66		
4642	8.9	3.5890	−0.0168	−12.423	−0.405	26°1826
80.	4. 1	2	8 33 6.515	26 12 52.84		Z.C. α $6^s.66$
81.	3.17	2	6.699	54.12		
81.	3.22	3	6.783	51.55		
82.	4. 5	3	6.661	52.74		
4643	9.1	3.5892	−0.0168	−12.423	−0.405	26°1827
80.	4. 1	2	8 33 6.745	26 13 30.67		Z.C. δ 30″.4
81.	3.17	1	6.739	30.08		
4644	8.5	3.6542	−0.0188	−12.425	−0.413	29°1803
73.	3.17	3	8 33 8.181	29 0 47.90		
73.	3.26	3	7.948	47.91		
77.	3.16	3	8.263	47.08		
77.	3.21	3	8.107	48.45		
4645	8.7	3.6692	−0.0193	−12.435	−0.414	29°1804
74.	3.26	2	8 33 17.377	29 38 49.58		
78.	3.26	3	17.341	49.15		
78.	4. 8	3	17.242	49.70		
79.	4. 4	3	17.222	50.63		
81.	2.26	3	17.301	49.41		
4646	9.5	3.6129	−0.0176	−12.441	−0.408	27°1649
75.	3. 4	3	8 33 22.057	27 16 28.19		
90.	4. 2	5	21.999	30.45		
4647	9.5	3.6141	−0.0176	−12.445	−0.408	27°1650
73.	3.14	3	8 33 25.795	27 19 55.29		
75.	3. 4	2	25.826	54.51		
78.	3.25	3	25.959	54.15		
89.	3.22	7	26.168	54.27		
4648	9.5	3.6679	−0.0193	−12.451	−0.414	29°1805
76.	2.29	3	8 33 30.943	29 36 34.61		
94.	2.27	7	30.685	33.29		
4649	8.5	3.6189	−0.0178	−12.452	−0.408	27°1651
76.	3.20	3	8 33 31.809	27 32 43.98		
78.	3.25	3	31.800	44.53		
78.	4. 6	3	31.639	43.66		-1^m
80.	3.24	3	31.636	41.69		
83.	4. 6	3	31.882	45.64		
4650	$9^m.5$	$3^s.6007$	$-0^s.0173$	$-12''.468$	$-0''.406$	26°1828
74.	3. 6	1	$8^h\,33^m\,46^s.447$	26° 47′ 3″.73		* v. ft.
74.	3.23	3	46.132	4.27		
74.	3.25	2	46.114	4.11		
78.	4. 1	3	46.070	5.35		
79.	3.29	3	46.046	4.20		
4651	8.9	3.6603	−0.0191	−12.471	−0.412	29°1806
73.	3.17	3	8 33 48.596	29 19 17.55		
76.	3.24	3	48.687	17.69		
4652	9.0	3.6596	−0.0191	−12.473	−0.412	29°1807
85.	3.30	7	8 33 50.458	29 17 40.73		
85	4. 2	7	50.525	39.98		
4653	9.4	3.5872	−0.0169	−12.498	−0.404	26°1829
73.	3.24	3	8 34 12.421	26 13 23.47		
90.	4. 3	7	12.685	22.37		
4654	9.0	3.6596	−0.0192	−12.511	−0.412	29°1810
73.	3.26	3	8 34 23.266	29 20 0.90		
74.	3.26	2	23.276	0.89		
90.	3.11	7	23.210	0.75		
90.	3.29	7	23.244	1.93		
4655	8.7	3.6536	−0.0190	−12.521	−0.411	29°1811
77.	3.16	2	8 34 32.622	29 6 19.54		
77.	3.21	3	32.656	21.15		
78.	4. 8	3	32.703	20.74		
4656	9.4	3.6691	−0.0195	−12.524	−0.412	29°1813
81.	4. 4	3	8 34 35.229	29 45 4.29		Z.C. δ 5″.2
92.	4. 2	6	35.240	6.06		
4657	9.5	3.6590	−0 0192	−12.526	−0.411	29°1812
73.	3.26	2	8 34 36.425	29 19 53.34		
90.	3.17	7	36.430	52.11		
4658	8.9	3.5547	−0.0160	−12.526	−0.400	24°1975
73.	3. 7	3	8 34 36.841	24 48 4.39		Z.C. Ep. 74.2
73.	4. 2	3	37.151	2.77		
76.	3.17	3	36.988	3.52		
4659	9.0	3.5940	−0.0171	−12.528	−0.404	26°1830
74.	3.23	2	8 34 38.993	26 33 20.94		
74.	3.25	1	38.915	21.87		
4660	9.0	3.5691	−0.0164	−12.532	−0.401	25°1973
73.	3.22	3	8 34 42.161	25 27 25.01		c.d.m.
76.	4. 3	3	41.850	23.59		
4661	9.0	3.6720	−0 0196	−12.539	−0.412	29°1815
79.	4. 4	3	8 34 47.901	29 53 27.43		
81.	3.15	3	47.889	27.09		− 1 int.
81.	3.31	3	47.956	27.13		
82.	4. 5	3	47.832	27.00		
82.	4. 6	3	47.802	26.43		$-1^m.$
4662	9.1	3.6672	−0.0195	−12.540	−0.412	29°1816
76.	2.29	2	8 34 48.578	29 41 23.09		
83.	4. 6	2	48.951	25.57		

4663	$8^{m}.8$	$3^{s}.5693$	$-0^{s}.0164$	$-12''.553$	$-0''.400$	25°1974
73. 3. 7	3	$8^{h}35^{m}$ $0^{s}.502$	25° 29′ 10″.22			+ 5′
73. 3.22	2	0.590	9.76			
73. 4. 2	3	0.593	8.56			
76. 3.17	3	0.572	8.16			
76. 4. 3	3	0.578	9.27			

4664	8.8	3.6700	−0.0196	−12.560	−0.412	29°1817
85. 3.19	4	8 35 6.728	29 49 58.41			
85. 3.20	4	6.490	59.45			
86. 3.24	7	6.542	59.36			
86. 3.31	7	6.604	59.16			

4665	8.6	3.5917	−0.0172	−12.570	−0.403	26°1832
73. 3.24	3	8 35 15.461	26 30 5.93			
74. 3. 6	3	15.607	5.84			
74. 4. 8	3	15.572	5.37			
76. 3. 7	3	15.590	6.34			

4666	9.1	3.5892	−0.0171	−12.591	−0.402	26°1833
74. 3.23	2	8 35 34.125	26 25 23.64			
76. 3. 7	1	34.142	23.96			
78. 4. 1	3	33.943	22.25			
79. 3.29	3	33.842	23.27			

4667	9.5	3.6425	−0.0188	−12.619	−0.407	28°1639
78. 4. 6	3	8 35 58.548	28 45 46.87			Z.C. δ 46″.7
80. 4. 1	3	58.498	46.48			

4668	9.0	3.6650	−0.0196	−12.622	−0.410	29°1818
73. 3.17	3	8 36 1.586	29 42 17.38			B − 5″
73. 3.26	3	1.653	15.64			
74 3.26	3	1.644	15.97			
77. 3.16	3	1.659	15.94			
77. 3.21	3	1.713	16.65			
78. 3.26	3	1.702	15.86			

4669	8.8	3.5615	−0.0164	−12.646	−0.398	25°1977
73. 3. 7	3	8 36 22.221	25 14 50.34			
73. 3.22	3	22.149	52.65			
73. 4. 2	3	22.302	50.28			
76. 3.17	3	22.053	50.11			
76. 4. 3	1	22.109	51.37			

4670	7.6	3.6163	−0.0181	−12.649	−0.404	27°1658
73. 3.14	3	8 36 24.709	27 40 20.51			
75. 3. 4	3	24.756	20.95			
76. 3.20	3	24.689	22.81			

4671	8.6	3.6441	−0.0190	−12.681	−0.406	28°1640 A
73. 3.13	3	8 36 53.486	28 54 10.65			
73. 3.27	3	53.566	10.03			
74. 3.18	3	53.462	11.14			
75. 3. 9	3	53.518	10.29			
77. 3.22	3	53.480	11.64			
90. 3.17	6	53.772	10.24			

4672	9.0	3.6441	−0.0190	−12.683	−0.406	28°1640 B
73. 3.27	2	8 36 55.346	28 54 20.65			
74. 3.18	3	55.302	21.55			
75. 3. 9	2	55.138	20.84			
90. 3.29	7	55.258	20.68			

4673	$9^{m}.1$	$3^{s}.6403$	$-0^{s}.0189$	$-12''.690$	$-0''.405$	28°1641
78. 4. 6	3	$8^{h}37^{m}$ $1^{s}.519$	28° 45′ 3″.08			
78. 4. 8	3	1.421	2.56			

4674	8.5	3.5607	−0.0165	−12.691	−0.397	25°1981
73. 4. 2	3	8 37 2.125	25 15 28.05			
76. 3.17	2	2.033	27.52			−1 int.

4675	9.1	3.6030	−0.0177	−12.691	−0.401	27°1660
85. 3.14	5	8 37 2.483	27 8 37.28			
85 3.20	2	2.326	37.32			

4676	8.9	3.6467	−0.0192	−12.725	−0.405	29°1819
73. 3.17	3	8 37 31.612	29 4 5.31			
74. 3.26	3	31.727	3.54			
76. 2.29	3	31.752	4.72			

4677	8.6	3.6718	−0.0200	−12.725	−0.408	30°1760
76. 3.24	3	8 37 31.971	30 7 23.50			
77. 3.21	3	32.038	24.01			
80. 4. 1	3	32.072	22.88			

4678	8.6	3.6613	−0.0198	−12.753	−0.406	29°1820
74. 3.26	3	8 37 57.218	29 43 9.53			Z.C. δ 9″.9
79. 4. 4	3	57.022	9.70			
81. 3.16	3	57.015	10.53			
81. 4. 4	2	57.121	9.36			
83. 4. 6	3	57.400	10.29			

4679	7.2	3.6417	−0.0191	−12.755	−0.404	28°1642
73. 3.13	3	8 37 58.696	28 53 43.93			
74. 3.18	3	58.729	45.36			

4680	8.9	3.5578	−0.0165	−12.780	−0.394	25°1982
73. 3.22	3	8 38 21.241	25 13 60.77			
90 4. 3	7	21.093	59.52			

4681	9.0	3.6542	−0.0196	−12.781	−0.405	29°1821
85. 3.30	5	8 38 21.876	29 27 42.52			
85. 4. 2	6	22.051	39.54			

4682	8.2	3.6395	−0.0191	−12.786	−0.403	28°1644
78. 4. 6	3	8 38 26.928	28 50 34.73			
86. 3.31	5	27.027	34.31			
90. 4. 2	7	26.949	34.86			

4683	7.9	3.5699	−0.0169	−12.800	−0.395	25°1983
73. 4. 2	3	8 38 39.199	25 48 23.82			Z.C. δ 22″.9
80. 3.24	3	39.060	22.09			
80. 3.24	2	39.040	22.29			
80. 4 1	3	39.157	23.26			

4684	7.0	3.6205	−0.0185	−12.805	−0.401	28°1645
85. 3.14	5	8 38 43.349	28 3 1.62			
92. 3.24	7	43.340	0.59			
92. 4. 1	7	43.352	0.62			

4685	9.0	3.5690	−0.0169	−12.806	−0.395	25°1984
73. 3.22	3	8 38 44.255	25 46 18.37			
73. 4. 2	1	44.427	16.19			

4686	8.1	3.5996	−0.0179	−12.809	−0.398	27°1663
76. 3.20	3	8 38 47.382	27 8 24.10			
78. 4. 6	3	47.297	23.66			

4687 7^{m}5 3^{s}6470 −0^{s}0194 −12$''$830 −0$''$403 29°1823

74. 3.26	3	8^h 39^m 5^{s}925	29° 13′ 13$''$91	
85. 3.19	5	5.954	12.45	
85. 3.20	5	5.899	13.94	

4688 Fundamental Star 29°1824

4689 8.5 3.5713 −0.0171 −12.850 −0.394 26°1840

74. 3.23	3	8 39 24.183	25 55 40.16	
79. 3.29	3	23.984	40.28	
80. 4. 1	3	24.040	40.53	−5′

4690 7.0 3.6319 −0.0190 −12.863 −0.401 28°1647

73. 3.13	3	8 39 35.072	28 37 7.51	
74. 3.18	3	35.280	7.72	
75. 3. 9	3	35.090	7.77	

4691 8.6 3.5993 −0.0179 −12.864 −0.397 27°1667

76. 3.20	3	8 39 36.686	27 11 56.32	
78. 4. 6	2	36.419	54.92	
81. 3.16	3	36.444	54.69	
83. 4. 6	3	36.531	55.23	

4692 8.4 3.6539 −0.0198 −12.869 −0.403 29°1825

86. 3.31	5	8 39 41.020	29 34 3.45	
86. 4. 3	7	41.114	2.85	

4693 8.4 3.6261 −0.0189 −12.916 −0.399 28°1648

85. 3.28	7	8 40 22.567	28 26 18.46	
88. 4. 6	7	22.695	18.12	

4694 9.0 3.5708 −0.0171 −12.920 −0.393 26°1843

74. 3.23	2	8 40 26.295	25 59 34.34	Z.C. δ 33$''$7
79. 3.29	1	26.009	33.81	
81. 3.16	3	26.067	34.16	
81. 3.17	3	26.157	34.27	
81. 3.31	3	26.260	33.96	
81. 4. 1	3	25.982	33.95	
85. 4. 2	7	26.093	31.48	

4695 8.9 3.6437 −0.0195 −12.924 −0.401 29°1826

73. 3.26	1	8 40 30.320	29 12 9.98	Z.C. δ 9$''$6
74. 3.26	2	30.155	9.96	
76. 3.24	2	30.076	9.73	
78. 4. 8	2	30.146	9.30	
80. 4. 1	3	30.125	9.70	
81. 3.17	2	30.121	8.93	
82. 3.14	2	30.258	9.76	

4696 9.3 3.5705 −0.0172 −12.926 −0.392 26°1845

74. 3.23	2	8 40 31.944	25 59 15.59	Z.C. δ 15$''$3
81. 3.16	1	31.760	15.47	
81. 3.31	3	31.913	15.57	
85. 3.30	7	31.765	14.44	

4697 9.5 3.5554 −0.0167 −12.948 −0.390 25°1988

73. 3.22	3	8 40 51.011	25 19 23.07	Z.C. δ 22$''$4
73. 4. 2	3	51.161	21.82	

4698 9^{m}1 3^{s}6394 −0^{s}0195 −12$''$963 −0$''$399 29°1827

85. 3.14	5	8^h 41^m 5^{s}335	29° 4′ 13$''$50	
85. 3.19	5	5.384	13.00	
85. 3.20	5	5.209	14.66	
90. 4. 3	7	5.324	14.58	

4699 9.5 3.6328 −0.0192 −12.968 −0.399 — —

75. 3. 9	3	8 41 9.770	28 47 54.81	
90. 3.14	6	9.847	52.67	
90. 4. 2	7	9.790	54.63	

4700 9.5 3.5545 −0.0167 −12.972 −0.390 25°1991

73. 3. 7	2	8 41 13.125	25 18 54.82	
92. 4. 1	2	12.975	50.71	W 7 −1^s
94. 2.27	7	12.827	51.29	

4701 9.0 3.6315 −0.0193 −13.010 −0.397 28°1650

73. 3.13	3	8 41 47.239	28 48 1.59	
73. 3.27	3	47.232	1.51	
75. 3. 9	3	47.366	1.46	
78. 4. 6	3	47.345	1.51	

4702 7.5 3.6568 −0.0202 −13.035 −0.400 29°1828

73. 3.17	3	8 42 9.975	29 54 39.56	
73. 3.26	3	9.867	38.06	
74. 3.26	3	10.045	39.54	
76. 3.24	3	9.862	38.96	
77. 3.21	3	10.042	38.35	
77. 3.21	3	9.972	39.32	
78. 3.26	3	10.069	38.55	
78. 3.26	3	9.959	38.94	
78. 4. 8	3	9.924	38.62	

4703 8.4 3.5957 −0.0181 −13.035 −0.392 27°1672

73. 3.14	3	8 42 10.134	27 15 34.19	
75. 3. 4	3	10.179	34.40	
76. 3.29	3	10.165	34.88	
78. 3.23	3	10.348	34.14	
78. 3.25	3	10.235	34.80	
82. 4. 5	3	10.117	33.73	

4704 8.4 3.5847 −0.0178 −13.072 −0.391 26°1848

73. 3.24	3	8 42 43.260	26 48 62.79	
74. 3.23	3	43.344	59.63	+ 1^m
74. 4. 8	3	43.241	61.89	
76. 3. 7	3	43.231	62.33	
78. 3.30	3	43.297	60.63	

4705 8.9 3.5456 −0.0166 −13.082 −0.386 25°1997

73. 3. 7	3	8 42 52.794	25 2 38.15	
73. 3.22	3	52.614	38.59	
73. 4. 2	3	52.682	37.90	
76. 3.17	3	52.744	39.55	
76. 4. 3	3	52.620	39.33	
78. 4. 2	3	52.615	38.84	
78. 4. 2	2	52.835	38.11	

4706 9.0 3.6239 −0.0192 −13.095 −0.395 28°1653

73. 3.13	3	8 43 4.439	28 34 50.67	
73. 3.27	3	4.432	51.06	
75. 3. 9	3	4.526	51.18	
77. 3.15	3	4.497	50.43	
77. 3.22	3	4.437	51.16	
77. 3.22	2	4.287	50.79	

4707	$7^m.7$	$3^s.5946$	$-0^s.0183$	$-13''.112$	$-0''.391$	27°1674
73.	3.14	3	$8^h43^m18^s.965$	27° 17′ 28″.33		
75.	3. 4	3	18.843	27.97		
76.	3.20	3	19.111	29.76		
76.	3.20	2	19.111	28.27		w. 7 − $0^s.5$
76.	3.29	3	18.903	25.64		
78.	3.23	3	19.053	27.99		
78.	3.25	3	19.060	27.57		
78.	4.11	3	19.180	26.46		
82.	4. 5	1	18.838	28.23		
4708	9.2	3.6229	−0.0192	−13.114	−0.394	28°1655
73.	3.13	3	8 43 21.636	28 33 49.86		
73.	3.27	3	21.599	51.58		
89.	3.22	7	21.594	52.32		
4709	9.0	3.5815	−0.0178	−13.144	−0.389	26°1852
73.	3.24	2	8 43 48.449	26 45 48.23		
74.	3.23	3	48.446	46.92		
74.	4. 8	3	48 353	46.11		
78.	3.30	3	48 313	46.71		
78.	4. 1	3	48.322	46.49		
4710	8.2	3.6547	−0.0204	−13.148	−0.397	30°1779
85.	3.14	7	8 43 52.397	29 59 9.24		
85.	3.19	7	52.457	8.36		
85.	3.20	7	52.278	9.62		
4711	9.2	3.6501	−0.0202	−13 157	−0.396	29°1830
74.	3 6	3	8 44 0 361	29 48 2.54		
89	4. 5	5	0.436	1.29		
90.	3.29	7	0.497	2.62		
4712	9.0	3.6193	−0.0192	−13.173	−0.392	28°1657
76.	4. 4	3	8 44 14.752	28 29 15.02		
77.	3.15	3	14.913	13.91		
78.	4. 6	3	14.877	14.53		
4713	8.9	3.5573	−0.0172	−13.175	−0.385	25°2000
73.	3. 7	3	8 44 16.254	25 42 4.79		
73.	3.22	3	16.172	6.63		
73.	4. 2	3	16.181	5.42		
76.	3.17	3	16.201	5.21		
76.	4. 3	3	16.078	6.55		
4714	8.5	3.5675	−0.0175	−13.194	−0.386	26°1854
74.	3. 6	3	8 44 34.037	26 11 39.02		
74.	3.23	2	33.916	39.51		
76.	3. 7	2	33.644	39.24		
79.	3.29	3	33.659	39.27		
4715	7.4	3.5672	−0.0175	−13.196	−0.386	26°1855
73.	3.24	3	8 44 36.073	26 11 11.93		
74.	3.23	1	36.134	9.95		
74.	4. 8	3	36 121	11.29		
78.	3.30	1	36.007	8.91		
79.	3.29	3	35.940	9.61		
86.	4. 3	5	35.987	10.17		
4716	7.8	3.6441	−0.0202	−13.196	−0.395	29°1831
73.	3.17	3	8 44 36.301	29 36 4.25		
73.	3.26	3	36.251	4.87		
74.	3.26	3	36.192	4.00		
76.	2.29	3	36.235	3.83		
78.	4. 8	3	36.154	3.93		
79.	4. 4	3	36.296	3.46		
86.	4. 5	5	36.260	4.83		

4717	$7^m.9$	$3^s.6374$	$-0^s.0199$	$-13''.205$	$-0''.393$	29°1832
74.	2.24	3	$8^h44^m44^s.190$	29° 19′ 24″.56		
76.	3.24	3	44.141	24.29		
77.	3.21	3	44.290	24.33		
77.	3.21	3	44.170	24.39		
4718	8.0	3.5365	−0.0166	−13.210	−0.383	24°1999
73.	3. 7	2	8 44 48.760	24 46 34.46		
73.	4. 2	3	48.925	33.16		
76	3.17	3	48.777	33.54		
85.	3.23	7	49.025	34.68		
85.	3.28	7	48.772	34.16		
86.	3 31	7	48.892	34.13		
4719	8.5	3.5548	−0.0171	−13.211	−0.384	25°2003
73.	3 22	3	8 44 49.655	25 37 36.19		Z.C. α $49^s.68$
76.	4. 3	3	49 627	34.77		
85.	3.30	7	49.632	33.27		
85.	4. 2	7	49.681	32.49		
85.	4.10	7	49.786	33.91		-5^s
4720	6.5	3.6232	−0.0195	−13.220	−0.391	28°1659
73.	4.10	3	8 44 57.529	28 43 35.63		w. 7 + 10^s
75.	3. 9	3	57.523	36.02		
76.	4. 4	1	57.755	36.16		
4721	9.0	3.5949	−0.0185	−13.229	−0.388	27°1679
73.	3.14	3	8 45 6.245	27 28 59.52		
75.	3. 4	3	6.081	59.25		
76.	3.20	3	6.108	60.91		$-0^s.5$
76.	3.29	3	6.211	59.32		
4722	6.0	3.6247	−0.0195	−13.232	−0.392	28°1660
73.	3.13	3	8 45 8.858	28 48 23.31		
73.	3.27	3	8.909	24.08		
77.	3.15	3	8.809	23.43		
77.	4. 7	3	8.884	23.12		
77.	4. 7	2	8.880	23.00		
78.	4. 8	3	8.810	22.84		
4723	9 0	3.6272	−0.0196	−13.238	−0.392	29°1836
73.	3.17	3	8 45 14.002	28 55 29.47		d.n.f.
73.	3.26	3	13.171	29.56		d. p.
94.	2.27	7	13.604	29.13		d.m.
4724	8.7	3.6320	−0.0198	−13.261	−0.391	29°1837
73.	3.26	2	8 45 34.956	29 10 6.38		
74.	3.26	3	34.771	4.22		
76.	3.24	3	34.805	4.53		
79.	4. 4	3	34.990	4.89		
4725	9.2	3.5509	−0.0171	−13.269	−0.383	25°2008
73.	3.22	3	8 45 42.243	25 31 27.57		
73.	4. 2	3	42.210	25.80		
90.	4. 2	7	42.218	26 54		
4726	9.1	3.6410	−0.0202	−13.300	−0.391	29°1838
89.	3.22	7	8 46 10 440	29 36 53.66		+ve C − 5″
89.	4. 5	6	10.518	53.74		
90.	3.14	7	10.572	52.13		
90.	4. 3	7	10.518	53.59		

4727	$8^{m}.6$	$3^{s}.5901$	$-0^{s}.0186$	$-13''.313$	$-0''.386$	27°1682
73.	3.14	3	$8^{h}46^{m}22^{s}.529$	27° 23′	0″.78	
76.	3.20	3	22.814		1.93	
76.	3.29	3	22.616		1.90	
86.	4. 5	4	22.559		1.71	
4728	9.3	3.6255	−0.0197	−13.320	−0.390	29°1839
74.	2.24	3	8 46 29.000	28 58	17.87	
76.	2.29	3	28.788		17.49	D − 10″
90.	3.17	2	29.142		18.12	
90.	3.29	7	28.983		17.26	
4729	9.0	3.5856	−0.0184	−13 330	−0.385	27°1683
75.	3. 4	3	8 46 38.380	27 12	9.30	
78.	4. 6	3	38.332		9.29	
80.	3.23	3	38.364		7.82	
80.	4. 1	3	38.325		8.29	
81.	4. 8	3	38.425		7.27	
81.	4. 8	2	38.255		7.83	
81.	4. 9	3	38.343		7.41	
81.	4. 9	2	38.393		8.44	
82.	4. 5	3	38.383		8.52	
4730	7.5	3.5894	−0.0186	−13.348	−0.385	27°1685
73.	3.14	3	8 46 54.456	27 23	44.61	
75.	3. 4	2	54.165		44.41	
76.	3.29	3	54.332		45.98	
86.	4. 3	5	54.421		44.82	
4731	9.4	3.6305	−0.0201	−13.378	−0.389	29°1841
73.	3.17	3	8 47 22.613	29 16	13.74	
73.	3.26	3	22.661		14.63	
74.	2.24	3	22.646		13.28	
76.	3.24	3	22.528		13.90	
4732	7.0	3.5726	−0.0181	−13.387	−0.382	26°1865
73.	3.24	3	8 47 30.451	26 41	13.35	
74.	3. 6	3	30.521		11.92	
74.	3.23	3	30.537		11.55	
74.	4. 8	3	30.391		11.44	+ 15′
78.	3.30	3	30.461		8.43	
79.	3.29	3	30.314		9.54	
4733	9.0	3.5473	−0.0172	−13.387	−0.379	25°2009
73.	3. 7	3	8 47 30.842	25 30	37.95	
73.	3.22	3	30.817		40.54	
73.	4. 2	2	30.953		38.39	
4734	9.0	3.6139	−0.0196	−13 411	−0.386	28°1665
73.	3.27	3	8 47 52.853	28 35	20.38	
73.	4.10	3	52.861		20.50	
75.	3. 9	3	52.873		20.84	
76.	4. 4	3	52.861		20.38	
77.	3.15	3	52.753		20.57	
77.	3.22	3	52.801		20.88	
77.	3.22	3	52.891		21.55	
4735	9.5	3.5529	−0.0175	−13.418	−0.379	25°2010
81.	3.30	2	8 47 59.726	25 48	57.73	v. ft.
94.	2.27	2	59.016		57.36	
4736	9.3	3.5907	−0.0187	−13.420	−0.383	27°1687
73.	3.14	3	8 48 1.252	27 33	17.37	
75.	3. 4	3	1.207		17.91	
76.	3.20	3	1.453		19.64	

4737	$7^{m}.2$	$3^{s}.5759$	$-0^{s}.0182$	$-13''.421$	$-0''.382$	26°1866
73.	3.24	3	$8^{h}48^{m}$ $2^{s}.331$	26° 53′	5″.88	
73.	3.25	1	2.246		4.70	
74.	3. 6	3	2.249		4.89	
74.	3.23	3	2.204		3.87	
74.	4. 8	3	2.118		3.90	
76.	3. 7	3	2.196		4.28	− 1 int.
4738	9.0	3.5691	−0.0180	−13.426	−0.381	26°1867
78.	3.30	3	8 48 6.673	26 34	41.87	Z.C. δ 41″.9
79.	3.29	3	6.419		42.28	
80.	4. 1	3	6.492		41.91	
81.	3.30	2	6 646		41.11	
81.	4. 7	3	6.596		41.82	
82.	4. 5	3	6.605		42.24	
4738ᵃ	9 4	3.5900	−0.0187	−13 427	−0.383	27°1689
96.	2.11	7	8 48 7.609	27 32	4.84	v. ft.
96.	3.16	7	7.833		4.82	
96.	3.30	7	7.796		3.95	
4739	5.7	3.6091	−0.0194	−13.430	−0.385	28°1666
73.	3.27	3	8 48 10.278	28 24	12.20	
73.	4.10	3	10.272		11.26	
75.	3. 9	3	10.377		10.54	
76.	4. 4	3	10.072		10.60	
77.	3.15	3	10.267		10.21	
77.	4. 7	3	10.195		10.16	
77.	4. 7	2	10.235		9.97	
78.	4. 6	3	10.257		10.64	
78.	4. 6	3	10.337		10.24	
78.	4.15	3	10.362		11.35	
4740	9.0	3.5461	−0.0173	−13 450	−0.378	25°2011
73.	3.22	3	8 48 29.209	25 32	33.69	
73.	4. 2	3	29.174		33.17	
86.	4. 5	2	29.213		33.64	
4741	9.0	3.6308	−0.0202	−13.465	−0.387	29°1844
73.	3.17	3	8 48 43.155	29 24	32.42	
73.	3.26	3	42.992		33.46	
74.	2.24	3	43.128		32.95	
76.	3.24	3	42.882		32.01	
4742	8.3	3.5734	−0.0183	−13.468	−0.380	26°1869
73.	3.24	3	8 48 45.803	26 50	15.30	
74.	3. 6	2	45.754		14.92	
74.	3.23	3	45.837		13.00	
76.	3. 7	3	45.578		13.61	+ 5′
78.	4. 1	3	45.738		14.03	
78.	4.11	3	45.672		13.76	
4743	8.5	3.6244	−0.0200	−13.475	−0.385	29°1845
76.	3.24	3	8 48 51.947	29 8	48.95	
77.	3.21	3	52.050		49.05	
77.	3.21	2	52.010		49.39	
78.	3.26	3	51.951		50.08	
78.	4. 8	3	51.900		48.86	
79.	4. 4	3	51.975		48.59	} as 1 obsⁿ. in Z.C.
79.	4. 4	3	51.915		49.14	
4744	7.0	3.5324	−0.0169	−13.476	−0.376	25°2013
73.	4. 2	3	8 48 52.321	24 55	33.91	
76.	3.17	3	52.387		34.43	
76.	4. 3	3	52.431		34.70	
78.	4. 2	3	52.446		33.40	
86.	4. 3	7	52.583		32.56	

4745	9^{m}.0	3^{s}.5522	−0^{s}.0175	−13″.488	−0″.378	25°2014
76. 4. 3	1	8^{h}49^{m} 4^{s}.215	25° 52′ 27″.78			
78. 4. 2	2	4.071	28.06			
4746	9.5	3.5508	−0.0175	−13.500	−0.377	— —
92. 4. 1	5	8 49 14.840	25 49 39.42			w. 7 − 1^{s}.†
4747	8.9	3.5432	−0.0173	−13.511	−0.376	25°2015
73. 3. 7	3	8 49 25.387	25 29 6.25			
73. 3.22	3	25.389	8 03			
78. 4.12	1	25.354	8.05			
85. 3.19	5	25.395	4.59			
85. 3.20	5	25.338	6.87			
4748	8.8	3.6352	−0.0205	−13.521	−0.386	29°1847
73. 3.17	3	8 49 34.335	29 41 37.25			
73. 3.26	3	34.122	38.26			
74. 2.24	3	34.144	37.60			
76. 3.24	1	34.214	37.59			
78. 4. 8	3	34.088	37.61			
4749	9.2	3.5757	−0.0184	−13.536	−0.378	27°1692
78. 3.23	3	8 49 48.355	27 2 16.60			
78. 3.25	3	48.272	16.14			
4750	9.2	3.5612	−0.0180	−13.553	−0.377	26°1870
73. 3.25	3	8 50 4.352	26 23 26.14			
90. 3.14	7	4.375	26.01			
4751	9.5	3.5272	−0.0169	−13.578	−0.373	24°2018
78. 4. 2	3	8 50 27.796	24 49 5.17			v. ft.
86. 3.31	5	27.938	3.35			ex. ft.
4752	8.9	3.5727	−0.0185	−13.589	−0.377	27°1695
73. 3.14	3	8 50 37.871	26 58 17.61			
75. 3. 4	3	37.868	17.36			B + 5″
76. 3.20	3	37.964	18.74			
76. 3.29	3	37.852	17.40			
78. 4.11	3	38.010	16.71			
4753	8.8	3.5740	−0.0185	−13.594	−0.377	27°1696
78. 3.23	3	8 50 42.504	27 2 38.82			
78. 3.25	3	42.491	38.77			
78. 4. 6	3	42.416	39.19			
78. 4. 6	3	42.266	38.87			
4754	8.2	3.5719	−0.0185	−13.611	−0.377	27°1698
73. 3.14	3	8 50 58.004	26 58 9.92			+ 1′
75. 3. 4	3	58.068	10.61			
81. 4. 9	3	58.220	11.43			
4755	9.0	3.5233	−0.0169	−13.627	−0.371	24°2021
85. 3.19	5	8 51 13.577	24 41 37.63			
85. 3.20	5	13.499	38.88			
90. 4. 2	7	13.576	39.67			
4756	8.7	3.5475	−0.0177	−13.631	−0 374	25°2017
73. 3. 7	3	8 51 17.383	25 51 43.82			+ 1^{s}
73. 3.22	3	17.353	44.32			
73. 4. 2	3	17.457	44.15			
76. 3.17	3	17.471	43.78			
76. 4. 3	2	17.250	44.00			
78. 4. 2	2	17.319	45.20			

4757	9^{m}.0	3^{s}.5873	−0^{s}.0190	−13″.635	−0″.378	27°1699
76. 3.29	3	8^{h}51^{m}20^{s}.745	27° 42′ 55″.60			
78. 3.23	2	20.875	53.97			
78. 3.25	3	21.020	54.22			
78. 4.11	3	20.805	53.73			
4758	7.7	3.5479	−0.0177	−13.643	−0.373	25°2018
73. 3. 7	1	8 51 28.602	25 53 27.68			
73. 4. 2	3	28.406	28.14			
76. 3.17	3	28.405	27.62			
4759	9.0	3.5472	−0.0177	−13.648	−0.373	25°2019
73. 3.22	2	8 51 32.741	25 52 1.43			
92. 3.30	6	32.547	1.07			
93. 3.16	7	32.588	1.18			
4760	7.7	3.5587	−0.0181	−13.649	−0.375	26°1873
73. 3.24	3	8 51 33.603	26 24 26.42			Z.C. α 33^{s}.53
73. 3.25	3	33.587	25.73			
74. 3. 6	3	33.555	25.80			
74. 3.23	3	33.585	26.21			
74. 4. 8	3	33.454	25.29			
77. 4.14	3	33.568	25.52			
78. 4. 1	3	33.428	24.88			
78. 4. 1	3	33.498	25.87			
4761	9.1	3.5956	−0.0193	−13.650	−0.378	28°1667
87. 4. 7	5	8 51 34.509	28 7 6.12			
90. 3.17	7	34.510	4.30			
90. 3.29	7	34.481	6.00			
91. 4.10	4	34.565	6.05			
91. 4.11	7	34.592	5.20			
4762	9.1	3.5740	−0.0186	−13.660	−0.376	27°1700
86. 3.24	7	8 51 43.858	27 8 16.47			
86. 3.25	7	43.752	15.62			
4763	8.9	3.5416	−0.0175	−13.660	−0.372	25°2020
78. 4.12	3	8 51 44.434	25 36 59.18			Z.C. δ 57″.7
80. 3.23	3	44.362	57.07			
80. 4. 1	3	44.397	58.46			
81. 4. 7	3	44.450	57.92			
81. 4. 8	3	44.465	55.90			
81. 4. 8	2	44.465	57.90			
4764	8.1	3.6247	−0.0205	−13.695	−0.380	29°1849
73. 3.17	3	8 52 16.473	29 29 50.61			
73. 3.26	3	16.568	49.52			
74. 2.24	3	16.688	49.49			+ 5′
75. 4. 6	3	16.684	50.57			
78. 3.26	3	16.581	49.64			
78. 3.26	2	16.356	49.70			
78. 4. 8	3	16.424	48.66			
4765	9.0	3.5489	−0.0178	−13.696	−0.372	26°1875
73. 3.24	3	8 52 17.765	26 1 7.28			
73. 3.25	3	17.749	6.26			
74. 3. 6	3	17.859	5.94			
74. 3.23	3	17.788	5.91			
74. 4. 8	3	17.615	6.18			
76. 3. 7	3	17.680	6.05			
4766	9.0	3.5522	−0.0180	−13.697	−0.373	26°1876
78. 3.30	2	8 52 19.288	26 10 20.90			clds.
78. 4.11	3	19.459	20.34			
79. 3.29	3	19.295	20.60			
86. 3.31	5	19.469	21.01			

4767	$9^{m}.3$	$3^{s}.6071$	$-0^{s}.0199$	$-13''.703$	$-0''.378$	28°1669
73. 3.27		3	$8^{h}52^{m}24^{s}.711$		$28^{\circ}43'13''.54$	
73. 4.10		3	24.786		13.77	
75. 3. 9		3	24.891		14.67	
77. 3.15		3	24.809		14.31	
77. 3.22		3	24.775		14.26	
77. 3.22		2	24.615		14.41	
4768	9.0	3.5296	−0.0172	−13.703	−0.370	25°2022
78. 4. 2		1	8 52 24.888		25 6 23.63	Z.C. δ 23″.2
80. 3.23		2	25.114		22.49	
81. 3.28		3	24.978		23.56	
4769	7.3	3.5676	−0.0185	−13.713	−0.374	26°1877
76. 3. 7		3	8 52 33.962		26 55 4.93	+ 5′
77. 4.14		3	33.963		4.89	
78. 4. 1		2	33.777		4.52	
80. 4. 1		3	33.868		4.77	w. 5 + 1^{s}
81. 4. 9		3	33.889		3.55	
81. 4. 9		3	33.989		3.91	
4770	8.9	3.5238	−0.0170	−13.729	−0.369	24°2023
76. 4. 3		3	8 52 48.597		24 51 31.99	
80. 4.12		3	48.561		32.70	
81. 3.31		3	48.824		31.85	
82. 4. 5		3	48.845		32.05	
4771	8.0	3.6158	−0.0203	−13.731	−0.378	29°1851
73. 3.26		3	8 52 50.504		29 9 13.01	
74. 2 24		3	50.434		12.32	
76. 3.24		3	50.293		12.50	
76. 4. 8		3	50.260		12.34	
79. 4. 4		3	50.330		12.21	as 1 obs^{n}.
79. 4. 4		3	50.340		13.02	in Z.C.
4772	9.5	3 5753	−0.0188	−13.731	−0.374	27°1702
73. 3.14		1	8 52 51.310		27 18 23.61	
75. 3. 4		3	51.004		21.89	
78. 3.25		3	51.102		22.95	
4773	9.3	3.5631	−0.0184	−13.732	−0.372	26°1878
74. 4. 8		2	8 52 51.965		26 44 25.06	
79. 3.29		3	51.648		23.84	
4774	9.0	3.5631	−0.0184	−13.735	−0.372	26°1879
74. 3. 6		2	8 52 54.398		26 44 51.90	
92. 3.22		6	54.406		50.12	
92. 4. 2		5	54.373		51.64	v. ft.
4775	9.5	3 5436	−0.0177	−13.738	−0.371	25°2023
73. 3. 7		2	8 52 56.819		25 49 29.21	Z.C. δ 29″.0
81. 3.28		3	56.914		29.57	
81. 3.30		3	56.918		28.72	
81. 4. 1		3	56.784		27.84	
81. 4. 4		3	57.029		29.59	
81. 4. 7		2	57.237		28.87	
4776	8.5	3.5258	−0.0171	−13.748	−0.369	25°2024
73. 3.22		3	8 53 6.419		24 58 56.31	w. 7 + 10^{s}
73. 4. 2		3	6.481		55.76	
78. 4.12		3	6.389		55.86	
85. 3.28		7	6.386		55.53	

4777	$9^{m}.5$	$3^{s}.5749$	$-0^{s}.0188$	$-13''.755$	$-0''.373$	— —
76. 3.29		2	$8^{h}53^{m}13^{s}.240$		$27^{\circ}19'14''.94$	v. ft. †
4778	9.1	3.6240	−0.0207	−13.761	−0.378	29°1852
85. 3.19		5	8 53 19.335		29 34 8.67	-5^{s}
85. 3.20		5	19.116		11.23	
4779	9.5	3.5989	−0.0197	−13.769	−0.375	— —
73. 3.27		3	8 53 26 293		28 26 37.70	†
4780	9.0	3.6271	−0.0208	−13.770	−0.379	29°1853
73. 3.17		3	8 53 27.598		29 43 14.08	
73. 3.26		3	27.532		14.77	
75. 4. 6		3	27.642		14.58	
76. 3.24		3	27.799		14.49	
78. 4. 8		3	27.480		14.10	
87. 4. 7		5	27.724		15.28	
4781	8.7	3.5851	−0.0192	−13.776	−0.374	27°1703
75. 3. 4		3	8 53 33.018		27 49 22.09	
76. 3.29		1	33.013		22.35	
78. 3.23		3	33.090		20.62	
4782	9.3	3.5205	−0.0169	−13.781	−0.368	24°2027
76. 3.17		3	8 53 38.205		24 46 34.30	Z.C. δ 32″.8
80. 3.23		3	38.165		32.36	
81. 3.30		3	38.152		31.50	
81. 4. 7		3	38.397		33.13	
4783	8.9	3.5537	−0.0182	−13.784	−0.372	26°1882
73. 3.24		3	8 53 41.012		26 22 35.74	
73. 3.25		3	40.857		35.26	
73. 4. 1		3	41.083		34.19	
74. 3.23		3	41.099		34.47	
77. 4 14		3	41.005		35.31	
78. 3.30		3	41.023		33.60	
4784	8.9	3.5370	−0.0176	−13.793	−0.369	25°2027
73. 4. 2		1	8 53 48.723		25 35 13.50	
78. 4. 2		2	48.888		12.70	
80. 4. 1		3	48.823		13.33	
81. 3.31		2	49.053		13.00	
4785	9.3	3.6196	−0.0206	−13.813	−0.377	29°1854
76. 4. 8		3	8 54 8.423		29 27 16.24	
78. 3 26		3	8.582		14.15	
78. 4. 8		3	8.258		15.39	
4786	9.0	3.5637	−0.0185	−13.820	−0.370	26°1883
74. 3. 6		3	8 54 14.480		26 53 47.98	Z.C. δ 47″.5
74. 3.23		2	14.798		47.03	
78. 4. 1		3	14.637		47.25	
78. 4.11		2	14.502		47.79	
81. 4. 1		2	14.435		47.30	
4787	9.0	3.5964	−0.0198	−13.823	−0.374	28°1673
73. 3.27		3	8 54 17.113		28 24 55.78	
73. 4.10		3	17.065		57.65	
76. 4. 4		2	17.179		57.96	
77. 3.15		3	17.155		57.30	

4788 $8^{m}.2$ $3^{s}.5632$ $-0^{s}.0185$ $-13''.824$ $-0''.370$ 26°1884

73. 4. 1	3	$8^{h}54^{m}18^{s}.463$	26° 52′ 43″.86	
78. 4.11	2	18.218	42.13	
80. 4.12	3	18.214	41.52	
81. 4. 1	3	18.229	41.95	
81. 4. 7	2	18.263	42.26	
81. 4. 8	3	18.337	41.25	

4789 6.2 3.5957 −0.0198 −13.827 −0.374 28°1674

73. 3.27	1	8 54 21.362	28 23 35.83	
73. 4.10	3	21.634	35.49	
75. 3. 9	3	21.660	36.44	
76. 4. 4	2	21.530	35.69	
77. 3.15	3	21.505	35.65	
77. 4. 7	3	21.391	34.81	
77. 4. 7	3	21.481	36.08	
78. 4. 6	3	21.569	34.93	
78. 4. 6	3	21.609	36.01	
78. 4.15	3	21.611	36.15	
78. 4.15	3	21.471	36.46	

4790 8.9 3.5588 −0.0184 −13.839 −0.369 26°1885

73. 3.24	2	8 54 32.844	26 41 33.80	d. s.
73. 3.25	3	32.819	33.00	d. s.
74. 4. 8	3	32.881	32.72	d. s.
79. 3.29	3	32.787	32.61	d. s.
80. 3.23	3	32.873	31.97	d. s.
81. 3.31	2	33.187	32.95	
81. 4. 9	3	32.936	33.83	d. s.
82. 4. 6	3	32.679	33.47	d. s.

4791 8.8 3.5426 −0.0179 −13.846 −0.368 25°2028

73. 3. 7	2	8 54 39.478	25 56 2.16	
76. 4. 3	3	39.615	3.48	
78. 4.12	3	39.639	2.85	
80. 4. 1	3	39.564	2.37	
81. 4. 4	3	39.641	2.34	
82. 4. 5	3	39.492	2.17	
82. 4. 6	1	39.709	2.07	

4792 8.9 3.6213 −0.0208 −13.861 −0.377 29°1857

73. 3.17	3	8 54 53.680	29 36 25.26	
74. 2.24	3	53.854	26.07	
75. 4. 6	3	53.941	26.41	
79. 4. 4	2	53.857	24.99	

4793 9.0 3.5512 −0.0183 −13 868 −0.368 26°1886

76. 3. 7	3	8 55 0.352	26 22 36.07	+ 1 int.
85. 3.19	5	0.527	33.76	

4794 9.1 3.5511 −0.0183 −13.878 −0.368 26°1888

78. 3.30	1	8 55 9.345	26 23 6.12	
85. 3.20	5	9.357	5.76	

4795 8.3 3.6264 −0.0210 −13.879 −0.375 29°1858

73. 3.26	3	8 55 10.599	29 51 55.68	Z.C. δ 55″.5
76. 3 24	2	10.583	55.59	
76. 4. 8	3	10.662	55.31	
78. 4. 8	3	10.483	55.21	
79. 4. 4	2	10.570	55.65	

4796 7.2 3.5502 −0.0182 −13.879 −0.367 26°1889

73. 4. 1	1	8 55 11.078	26 20 44.87	
74. 3. 6	2	10.803	45.78	
76. 3. 7	2	11.017	44.68	
77. 4.14	2	10.976	45.76	

4797 $9^{m}.4$ $3^{s}.5144$ $-0^{s}.0169$ $-13''.884$ $-0''.364$ 24°2032

86. 3.31	7	$8^{h}55^{m}15^{s}.745$	24° 37′ 11″.55	
86. 4. 3	5	15.591	11.35	
90. 3.17	7	15.703	14.77	w. 2 to 7 − 10^{s}

4798 5.4 3.5206 −0.0172 −13.895 −0.364 25°2029

73. 3. 7	1	8 55 25.666	24 56 35.27	
73. 3.22	3	25.578	37.07	
73. 4. 2	3	25.828	34.67	
76. 3.17	3	25.682	36.28	
76. 4. 3	3	25.665	36.70	

4799 8.5 3.5776 −0.0193 −13.920 −0.370 27°1708

73. 3.14	2	8 55 49.595	27 42 11.21	
75. 3. 4	3	49.623	11.25	
76. 3.29	3	49.449	11.75	
78. 3.25	3	49 531	13.13	
92. 3.22	3	49.754	11.49	w. 6 − 10^{s}
92. 4. 2	7	49.568	12.13	

4800 8.9 3.6250 −0.0210 −13.922 −0.374 29°1859

73. 3 17	3	8 55 51.139	29 52 21.01	
73. 3.26	3	51.272	21.82	
75. 4. 6	3	51.370	21.29	
76. 3.24	3	51.212	21.83	
76. 4. 8	3	51.147	21.50	
79. 4. 4	2	51.262	21.13	v. ft.

4801 8.8 3.5403 −0.0180 −13.929 −0.365 26°1891

73. 3.24	3	8 55 57.969	25 56 57.27	
73. 3.25	3	57.933	55.59	
74. 3.23	3	58.030	56.03	
74. 4. 8	3	57.993	55.35	
78. 4. 1	3	57.931	55.78	
78. 4.11	3	58.053	56.10	
85. 3.30	7	57.922	55.55	

4802 9.2 3.5247 −0.0174 −13.937 −0.363 25°2031

83. 4. 6	3	8 56 6.195	25 12 23.58	
92. 3.31	7	5.991	22.21	
92. 4. 1	5	6.242	22.44	

4803 8.5 3.5485 −0.0183 −13.945 −0.366 26°1892

73. 3.24	3	8 56 13 438	26 21 51.38	
73. 4. 1	3	13.418	48.52	
74. 3. 6	1	13.457	50.81	
78. 4. 1	1	13.305	48.93	
86. 4. 5	1	13.318	49.22	

4804 9.0 3.6213 −0.0210 −13.958 −0.373 — —

76. 4. 8	1	8 56 26.046	29 45 54.83	†

4805 9.1 3.5949 −0.0200 −13.969 −0.370 28°1682

85. 3.23	5	8 56 36.528	28 34 57.86	
85. 3.28	5	36.563	60.84	
85. 4. 2	7	36.489	58.77	
85. 4.10	7	36.567	60.86	

4806 8.9 3.5304 −0.0177 −13.972 −0.363 25°2033

73. 3.22	3	8 56 39.764	25 32 4.15	
73. 4. 2	3	39.714	3.54	
76. 3.17	3	39.927	3.16	

4807 $6^{m}.5$ $3^{s}.5905$ $-0^{s}.0199$ $-13''.975$ $-0''.369$ $28^{\circ}1683$

73. 3.27	3	$8^{h}56^{m}42^{s}.808$	$28^{\circ}\ 23'\ 28''.48$	
73. 4.10	3	42.707	27.85	
75. 3. 9	3	42.617	29.46	
76. 4 4	3	42.677	28.83	
77. 3.15	3	42 685	29.32	
77. 3.22	3	42.619	28.38	
77. 3.22	3	42.709	28.90	
77. 4. 7	3	42.651	27.97	
77. 4. 7	2	42.681	28.85	
78. 4. 6	3	42.604	29.38	
78. 4. 6	3	42.714	29.26	

4808 9 3 3.6280 −0 0213 −13.984 −0.373 $30^{\circ}1809$

74. 2.24	1	8 56 50.934	30 6 45.50	Z.C. α $50^{s}.68$
89. 3.22	7	50.567	45.82	-1^{m}
89. 4. 5	7	50.548	45.16	

4809 8.0 3.6202 −0.0210 −13.985 −0.372 $29^{\circ}1860$

73. 3.26	3	8 56 52.038	29 45 43.44	
74. 2.24	3	52.043	44.44	
78. 3.26	3	51.949	42.91	-5^{s}
78. 4. 8	3	51.874	43.52	

4810 9.0 3.6075 −0.0206 −13.988 −0.371 $29^{\circ}1861$

73. 3.17	3	8 56 54.579	29 11 43.98	
75. 4. 6	3	54.727	44.39	
76. 3.24	3	54.828	43.55	$+10^{s}$

4811 8.8 3.6012 −0.0203 −13.997 −0.370 $28^{\circ}1684$

73. 3.27	3	8 57 3.581	28 55 21.22	
73. 4.10	3	3.582	20.45	
77. 3.15	3	3.568	20.82	

4812 8.7 3.5364 −0.0179 −13.998 −0.364 $25^{\circ}2034$

76. 4. 3	3	8 57 4.464	25 51 57.62	
78. 4. 2	3	4.647	57.76	
78. 4.12	3	4.407	57.71	
80. 3.23	3	4.522	56.47	
80. 4. 1	3	4.460	57.50	
81. 4. 7	3	4.640	57.07	
81. 4. 8	3	4.483	56.94	
81. 4. 8	2	4.493	57.00	
81. 4. 9	3	4.531	57.53	w. 1 − 1^{s}.
81. 4. 9	3	4.311	58.44	
82. 4. 5	3	4.683	58.24	

4813 8.0 3.5198 −0.0174 −14.028 −0.361 $25^{\circ}2036$

73. 3. 7	3	8 57 32.914	25 6 3.82	$+30^{s}$
73. 3.22	3	33.154	3.13	
76. 3.17	3	33.098	3.45	

4814 8.0 3.5517 −0.0186 −14.038 −0.364 $26^{\circ}1895$

73. 3.24	3	8 57 42.532	26 39 42.08	
73. 3.25	3	42.426	38.91	
73. 4. 1	3	42.512	38.96	
74. 3. 6	3	42.629	40.30	
74. 3.23	2	42.630	39.88	− 1 int.
74. 4. 8	3	42.555	40.31	
77. 4.14	3	42.429	40.50	
78. 4.11	3	42.471	40.47	
86. 4. 3	7	42.578	39.00	

4815 $8^{m}.6$ $3^{s}.6051$ $-0^{s}.0206$ $-14''.067$ $-0''.368$ $29^{\circ}1865$

73. 3.26	3	$8^{h}58^{m}10^{s}.049$	$29^{\circ}\ 12'\ 42''.06$	
74. 3.19	3	10.085	43.60	
75. 4. 6	3	10.091	41.55	
76. 3.24	2	10.067	41.51	
76. 4. 8	3	9.968	42.67	
78. 3.26	3	9.944	42.22	

4816 9.0 3.6246 −0.0213 −14.067 −0.371 $30^{\circ}1813$

73. 3.17	3	8 58 10.532	30 5 57.85	
74. 2.24	2	10.717	56.79	
79. 4. 4	3	10.618	57.40	

4817 9.3 3.5350 −0.0180 −14.068 −0.362 $25^{\circ}2039$

73. 4. 2	3	8 58 11.560	25 54 28.65	Z.C. δ $28''.4$
78. 4. 2	3	11.554	29.05	
80. 3.23	3	11.742	27.44	
81. 3.28	3	11.591	28.83	
81. 3.30	3	11.664	27.78	
82. 4. 6	3	11.593	28.55	

4818 9.0 3.5270 −0.0178 −14.072 −0.361 $25^{\circ}2040$

76. 4. 3	3	8 58 15.532	25 31 11.92	
78. 4. 2	3	15.709	11.98	
78. 4.12	3	15.716	11.96	
80. 4. 1	3	15.628	11.89	
80. 4. 1	2	15.718	11.83	
81. 4. 7	3	15.616	11.73	

4819 8.9 3.5723 −0.0194 −14.074 −0.365 $27^{\circ}1711$

73. 3.14	3	8 58 17.213	27 42 15.92	
75. 3. 4	3	17.176	16.51	
76. 3.29	3	17.238	16.36	
78. 3.25	3	17.093	16.26	
92. 4. 1	5	17.283	15.11	
92. 4. 2	6	17.242	15.60	

4820 9.0 3.5749 −0.0195 −14.079 −0.365 $27^{\circ}1712$

75. 3. 4	2	8 58 21.903	27 50 11.28	
76. 3.29	2	21.792	13.61	
78. 3.23	3	21.976	13.55	

4821 9.4 3.5917 −0.0201 −14.084 −0.366 $28^{\circ}1687$

73. 3.27	3	8 58 26.248	28 37 29.21	
73. 4.10	3	26.477	29.04	
75. 3. 9	3	26.328	30.43	
76. 4. 4	2	26.461	30.25	
77. 3.15	3	26.396	29.14	
78. 4. 8	3	26.125	30.31	

4822 9.1 3.5598 −0.0190 −14.105 −0.363 $27^{\circ}1713$

85. 3.19	5	8 58 47.463	27 9 44.09	
85. 3.28	7	47.279	46.50	

4823 8.5 3.5486 −0.0186 −14.108 −0.361 $26^{\circ}1899$

73. 3.24	3	8 58 50.252	26 37 46.69	
73. 3.25	3	50.235	43.84	
73. 4. 1	3	50.230	43.56	
74. 3. 6	3	50.263	45.51	
74. 3.23	3	50.282	44.93	
74. 4. 8	3	50.175	43.85	
76. 3. 7	3	50.073	44.13	
78. 3.30	1	50.312	43.53	clds.

4824	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.5179$	$-0^{\mathrm{s}}.0176$	$-14''.135$	$-0''.358$	25°2043
	73. 4. 2	3	$8^{\mathrm{h}}59^{\mathrm{m}}16^{\mathrm{s}}.117$	25° 10′ 11″.60		
	78. 4. 2	2	16.091	12.10		
	80. 3.23	2	16.493	10.51		
	80. 4. 1	1	16.050	12.17		
	81. 4. 7	2	16.317	12.85		
	81. 4. 8	3	16.430	11.40		
	82. 4. 5	3	16.407	12.09		
	83. 4. 6	3	16.322	14.96		
4825	8.7	3.5119	−0.0174	−14.145	−0.357	24°2040
	73. 3. 7	3	8 59 25 723	24 53 16.93		
	76. 3.17	3	26.008	17.78		
	76. 4. 3	3	25.732	16.79		
4826	8.7	3.5882	−0.0202	−14.177	−0.364	28°1691
	73. 3.27	3	8 59 56.702	28 37 13.37		
	73. 4. 7	2	56.924	10.95		
	73. 4.10	3	56.660	13.93		
	75. 3. 9	3	56.749	12.91		
	76. 4. 4	3	56.523	14.07		
	77. 3.15	3	56.589	13.44		
	77. 3.22	3	56.661	12.49		
	77. 3.22	2	56.461	12.79		
	77. 4. 7	3	56.791	12.24		clds. v. ft.
	78. 4. 8	3	56.769	13.71		
4827	9.2	3.5189	−0.0177	−14.185	−0.357	25°2047
	76. 3.17	3	9 0 4.044	25 17 45.71		
	92. 3.18	7	4.209	46.69		
	92. 3.30	7	4.176	45.47		
4828	8.9	3.6200	−0.0215	−14.188	−0.367	30°1816
	73. 3.17	3	9 0 6.914	30 6 4.80		
	73. 3.26	3	6.914	4.67		
	74. 2.24	3	7.066	5.40		
	74. 2.24	1	7.026	4.45		
	74. 3.19	3	7.141	5.91		
	75. 4. 6	3	7.040	5.95		
	76. 3.24	3	6.903	6.33		
	76. 4. 8	3	6.981	6.25		
	79. 4. 4	3	6.956	5.09		+ 5′
4829	8.3	3.5852	−0.0201	−14.194	−0.363	28°1694
	73. 3.27	2	9 0 13.385	28 30 23.97		
	76. 4. 4	3	13.161	23.70		
	78. 4. 6	3	13.301	24.66		
4830	8.9	3.5558	−0.0190	−14.196	−0.360	27°1714
	73. 4.14	3	9 0 14.950	27 5 58.52		
	75. 3. 4	3	14.782	58.84		
	76. 3.29	3	14.961	58.04		
	78. 3.25	3	14.893	59.01		
	85. 4.13	7	14.964	56.82		
	86. 3.23	5	15.000	57.03		
	86. 3.24	7	15.010	57.73		ft.
	86. 3.25	7	14.927	57.25		
4831	8.8	3.5185	−0.0177	−14.207	−0.356	25°2050
	73. 3. 7	3	9 0 26.017	25 18 49.08		
	76. 4. 3	3	26.057	48.74		
	78. 4. 2	2	26.235	48.26		
4832	6.0	3.6203	−0.0215	−14.211	−0.366	30°1817
	85. 3.30	5	9 0 29.331	30 9 18.83		
	85. 4. 2	5	29.570	17.35		
	85. 4.10	7	29.557	18.02		
4833	$7^{\mathrm{m}}.2$	$3^{\mathrm{s}}.5348$	$-0^{\mathrm{s}}.0183$	$-14''.215$	$-0''.357$	26°1901
	73. 3.24	3	$9^{\mathrm{h}}\,0^{\mathrm{m}}33^{\mathrm{s}}.101$	26° 7′ 41″.45		
	73. 3.25	3	33.183	39.64		
	73. 4. 1	3	33 288	38.23		
	74. 3. 6	3	33.081	39.34		
	74. 3.23	3	33.347	38.72		
	74. 4. 8	3	33.137	38.71		
	77. 4.14	3	33.226	39.73		
	78. 3.30	2	33.091	38.61		
	78. 4. 1	3	33.080	39.17		
	78. 4. 1	2	33.200	39.95		
	78. 4.11	3	33.327	39.69		
	78. 4.11	3	33.127	39.60		
	78. 4.12	3	33.222	39.21		
	78. 4.12	3	33.122	39.77		
4834	7.9	3.5748	−0.0198	−14.220	−0.361	28°1696
	77. 3.15	2	9 0 38.527	28 3 43.06		
	78. 4. 6	3	38.397	43.98		
	91. 4.11	7	38.365	42.66		
4835	8.4	3.5734	−0.0198	−14.242	−0.361	28°1697
	73. 4. 7	2	9 0 59.323	28 2 5.83		
	73. 4.10	2	59.489	6.08		
	76. 4. 4	1	59.143	6.43		
	78. 4. 6	1	59.412	5.06		
	78. 4. 8	2	59.202	5.78		
4836	8.4	3.5732	−0.0198	−14.245	−0.361	28°1698
	73. 4.10	2	9 1 2.560	28 2 33.88		
	78. 4. 8	3	2.652	32.99		
4837	9.5	3.6166	−0.0214	−14.250	−0.365	30°1820
	75. 4. 6	3	9 1 7.105	30 3 14.21		†
4838	6.0	3.5539	−0.0191	−14.269	−0.357	27°1715
	73. 3.14	3	9 1 25.950	27 8 41.88		
	75. 3. 4	2	25.886	42.32		
	76. 3.29	3	25.694	41.33		
	78. 4.15	3	25.833	40.23		
	78. 4.15	2	25.763	40.37		
4839	9.3	3.5542	−0.0191	−14.274	−0.357	27°1716
	73. 3.14	2	9 1 30.990	27 9 56.60		
	75. 3. 4	3	30.964	54.49		
	78. 3.23	3	31.072	57.28		
	78. 3.25	3	30.976	54.91		
4840	9.1	3.5698	−0.0197	−14.275	−0.360	28°1700
	85. 3.28	7	9 1 32.458	27 55 13.51		
	86. 3.31	7	32.352	13.31		
	86. 4. 3	7	32.567	13.45		
4841	8.4	3.5362	−0.0185	−14.306	−0.355	26°1902
	73. 3.24	3	9 2 1.783	26 20 22.40		
	73. 3.25	3	1.867	21.48		
	73. 4. 1	3	1.789	20.37		
	74. 3. 6	3	1.952	19.96		
	74. 3.23	3	1.947	21.10		
	74. 4. 8	3	1.747	19.77		− 1′
	77. 4.14	3	1.762	20.36		
	78. 3.30	2	1.867	20.55		clds.

4842	8^m.2	3^s.6133	−0^s.0215	−14″.340	−0″.362	30°1822
73.	3.17	3	9^h 2^m 35^s.429	30° 3′ 49″.37		
73.	3.26	3	35.607	50.37		
74.	2.24	3	35.621	49.47		
75.	4. 6	3	35.482	50.10		
76.	4. 8	3	35.550	50.61		
86.	4.10	5	35.503	52.18		
86.	4.13	7	35.555	49.56		
4843	9.5	3.5773	−0.0202	−14.355	−0 358	28°1703
73.	3.27	3	9 2 50.147	28 24 37.97		
92.	4. 1	7	50.358	38.47		
4844	9.1	3.5949	−0.0209	−14.358	−0.359	29°1872
76.	4. 8	3	9 2 53.317	29 14 55.53		
82.	4. 5	3	53.187	53.86		
85.	3.30	7	53.220	54.14		
85.	4 2	7	53.207	52.66		
85.	4.10	7	53.145	54.04		
4845	9.2	3.6011	−0.0211	−14.362	−0.360	— —
75.	4. 6	3	9 2 57.142	29 32 35.32		
76.	3.24	2	57.052	36.08		
4846	9.5	3.6061	−0.0213	−14.362	−0.361	29°1873
74.	3.19	3	9 2 57.630	29 46 23.93	+10′	
83.	4. 6	3	57.590	21.93	Z.C. α 57^s.61	
4847	9.3	3.5828	−0.0205	−14.368	−0.358	28°1705
81.	4. 4	3	9 3 2.768	28 41 38.85		
92.	3.22	4	2.942	39.26		
92.	3.24	5	3.002	37.48		
4848	8.7	3.5458	−0.0190	−14.368	−0.355	26°1903
73.	3.24	3	9 3 3.529	26 54 55.01		
73.	3.25	3	3.242	53.77		
74.	3. 6	3	3.265	52.60		
74.	3.23	3	3.478	52.25		
74.	4. 8	3	3.338	53.87		
77.	4.14	3	3.325	54.27		
78.	4.11	3	3.385	54.29		
78.	4.11	3	3.275	54.07		
78.	4.12	3	3.281	53.25		
78.	4.12	2	3.321	53.35		
79.	3.29	3	3.047	53.63		
79.	3.29	2	3.267	53.83		
4849	8.0	3.6015	−0.0212	−14.369	−0.360	29°1874
74.	2.24	3	9 3 4.380	29 34 40.05	Z.C. δ 39″.8	
74.	3.19	2	4.579	41.91		
76.	3.24	2	4.200	40.36		
78.	3.26	3	4.332	39.22		
78.	3.26	3	4.342	39.78		
78.	4. 8	3	4.280	40.04		
79.	4. 4	3	4.255	40.46	− 1 int.	
80.	4.12	3	4.398	38.54		
81.	3.30	3	4.205	39.39		
81.	4. 8	3	4.403	39.49		
81.	4. 9	3	4.293	39.02		
81.	4. 9	2	4.072	39.74		
4850	9.4	3.5336	−0.0186	−14.371	−0.354	26°1904
73.	4. 1	3	9 3 5.829	26 19 22.05		
92.	3.31	7	5.839	21.45		

4851	9^m.2	3^s.5943	−0^s.0209	−14″.379	−0″.359	29°1875
78.	4. 8	1	9^h 3^m 13^s.499	29° 15′ 23″.85		
80.	3.23	3	13.966	23.08		
81.	4 7	3	13.829	23.16		
82.	4. 6	3	13.633	23.49		
4852	9.0	3.5887	−0.0207	−14.381	−0.358	29°1876
73.	3.17	3	9 3 15.782	28 59 48.27	Z.C. δ 48″.3	
73.	3.26	3	15.490	48.91		
79.	4. 4	1	15.689	49.72		
80.	4. 1	3	15.513	48.43		
80.	4.12	1	15.513	47.04		
81.	4. 8	3	15.733	47.49		
4853	9.0	3.5398	−0.0188	−14.387	−0.354	26°1905
73.	3.25	3	9 3 21.463	26 38 58.58	−5′	
73.	4. 1	2	21.405	57.72		
74.	3. 6	1	21.505	58.31		
74.	3.23	1	21.418	57.46		
74.	4. 8	3	21.318	57.95		
78.	4. 1	3	21.259	57 24		
78.	4. 1	3	21.289	57.65		
4854	9.3	3.5747	−0.0202	−14.396	−0.357	— —
73.	3.27	1	9 3 30.978	28 21 49.12		
75.	3. 9	3	30.799	49.27		
4855	9.0	3.5751	−0.0202	−14.396	−0.357	28°1707
73.	3.27	2	9 3 31.029	28 22 56.74		
73.	4. 7	3	31.058	56.82		
75.	3. 9	2	30.978	57.85		
76.	4. 4	3	30.937	57.02		
91.	4.11	6	31.171	56.31		
4856	8.4	3.5237	−0.0183	−14.429	−0.351	25°2056
73.	3. 7	3	9 4 2.944	25 55 42.12		
73.	4. 2	3	3.013	43.29		
76.	3.17	3	3.004	43.57	+ 1^m. B − 20″	
76.	4. 3	3	2.911	43.38		
78.	4. 2	3	2.896	42.51		
78.	4. 2	3	3.026	43.08		
4857	9.0	3.5770	−0.0203	−14.430	−0.356	28°1708
73.	4.10	2	9 4 4.292	28 31 50.19	d.p.	
78.	3.22	3	4.258	53.54	c.d.p.	
4858	8.8	3.5232	−0.0183	−14.443	−0.350	25°2057
73.	3. 7	2	9 4 17 102	25 55 47.76		
73.	4. 1	1	17.125	47.02		
73.	4. 2	3	16.971	47.48		
76.	3.17	3	17.115	48.74		
76.	4. 3	3	17.034	47.33		
4859	8.0	3.5940	−0.0211	−14.456	−0.357	29°1879
73.	3.17	3	9 4 29.811	29 22 52.53		
73.	3.26	3	29.828	51.91		
74.	2.24	3	29.862	51.10		
75.	4. 6	3	29.902	52.42		
76.	4. 8	3	29.862	51.05		
4860	9.0	3.5156	−0.0181	−14.463	−0.349	25°2059
78.	4. 2	1	9 4 36.607	25 34 47.59		
78.	4.12	3	36.491	48.75		
80.	3.23	3	36.435	47.52		
80.	4. 1	3	36.500	48.43		
80.	4.12	2	36.491	47.68		
81.	4. 7	3	36.403	47.42		

4861	$9^m.3$	$3^s.6073$	$-0^s.0216$	$-14''.469$	$-0''.358$	— —
76.	3.24	2	$9^h\ 4^m 42^s.658$	$30°\ 1'\ 30''.06$		
78.	4. 8	2	42.632	29.48		
4862	8.9	3.5349	−0.0188	−14.472	−0.350	26°1909
73.	3.24	3	9 4 45.583	26 33 40.28		
73.	3.25	3	45.651	38.24		
74.	3. 6	2	45.737	38.19		
74.	4. 8	3	45.705	39.50		
77.	4.14	3	45.563	38.32		
86.	4.10	5	45.571	40.35		
86.	4.13	5	45.521	37.73		
4863	9.0	3.5720	−0.0202	−14.487	−0.354	28°1710
75.	3. 9	3	9 5 0.533	28 23 42.99		
76.	4. 4	3	0.415	43.15		
78.	4.15	3	0.284	43.26		
4864	9.0	3.5512	−0.0194	−14.488	−0.352	27°1722
73.	3.14	3	9 5 1.454	27 23 18.46		
75.	3. 4	3	1.577	18.05		
76.	3.29	3	1.463	19.10		
78.	3.23	3	1.713	19.71	v. ft.	
4865	9.5	3.6056	−0.0216	−14.498	−0.357	30°1830
73.	3.26	3	9 5 11.848	30 0 7.21		
74.	3.19	1	11.884	8.95		
75.	4. 6	2	11.800	6.43		
78.	3.26	3	11.825	6.89	w. 7 + 10^s	
4866	9.5	3.5599	−0.0199	−14.552	−0.351	28°1714
86.	3.31	7	9 6 5.299	27 55 48.83	Z.C. δ 48″.1	
86.	4. 3	7	5.293	47.05	ex. ft.	
90.	3.29	7	5.296	47.86		
90.	4. 2	6	5.137	48.61	w. 4′ − 1^s	
4867	8.5	3.5199	−0.0184	−14.555	−0.347	26°1911
73.	3.24	3	9 6 7.844	25 57 12.50		
73.	3.25	3	7.827	11.92		
73.	4. 1	3	7.777	9.33		
74.	3. 6	2	7.588	11.69		
74.	4. 8	2	7.781	10.21		
78.	4. 1	3	7.811	10.22		
79.	3.29	3	7.700	9.86		
79.	3.29	2	7.670	10.72		
4868	8.9	3.5399	−0.0192	−14.562	−0.349	27°1727
73.	3.14	3	9 6 15.552	26 57 42.18		
75.	3. 4	3	15.444	40.86		
76.	3.29	3	15.502	41.65		
77.	4.14	3	15.739	41.67		
78.	3.23	3	15.893	42.19	v. ft.	
78.	3.25	3	15.837	40.77		
78.	3.25	2	15.667	40.50		
78.	4.15	3	15.618	41.37		
4869	7.5	3.4970	−0.0176	−14.564	−0.344	24°2054
73.	3. 7	3	9 6 17.601	24 48 23.59		
73.	4. 2	3	17.608	22.94		
76.	3.17	3	17.586	22.16		
4870	9.0	3.5194	−0.0184	−14.566	−0.346	26°1912
73.	3.24	3	9 6 19.202	25 56 50.03		
73.	4. 1	2	19.315	47.07		
74.	4. 8	2	19.109	48.32		
78.	4. 1	3	19.151	47.44		
4871	$8^m.3$	$3^s.5157$	$-0^s.0183$	$-14''.571$	$-0''.346$	25°2062
76.	4. 3	3	$9^h\ 6^m 24^s.254$	$25°\ 46'\ 5''.84$		
78.	4. 2	3	24.372	5.38		
4872	9.0	3.4956	−0.0175	−14.584	−0.343	24°2055
76.	3.17	2	9 6 36.679	24 45 57.06		
92.	3.22	7	36.990	56.77		
92.	3.24	6	36.830	55.63		
92.	3.31	7	36.788	56.50		
92.	4. 1	5	36.893	57.07		
4873	9.1	3.5335	−0.0190	−14.588	−0.347	26°1914
74.	3. 6	1	9 6 40.875	26 41 28.15		
74.	3.23	3	41.274	28.72		
78.	3.30	3	41.052	28.53	clds.	
78.	4.11	3	41.246	28.69		
78.	4.11	3	41.286	27.89		
4874	9.1	3.5435	−0.0194	−14.590	−0.348	27°1729
85.	3.30	7	9 6 43.389	27 11 28.30		
85.	4. 2	7	43.457	28.10		
85.	4.10	7	43.360	28.10		
4875	8.3	3.5155	−0.0183	−14.598	−0.345	25°2063
73.	4. 2	3	9 6 51.381	25 48 22.26		
78.	4.12	3	51.245	22.39		
80.	3.23	3	51.352	21.34		
80.	4. 1	3	51.348	21.83		
81.	4. 7	3	51.379	22.27		
81.	4. 8	3	51.419	20.97		
81.	4. 8	3	51.379	21.69		
81.	4. 9	3	51.300	21.91		
81.	4. 9	3	51.130	22.41		
82.	4. 5	3	51.274	21.94		
4876	9.0	3.5745	−0.0206	−14.602	−0.350	28°1717
73.	3.27	3	9 6 55.104	28 43 23.58		
73.	4. 7	3	55.201	25.26		
73.	4.10	3	54.827	24.86		
76.	4. 4	3	54.982	25.27		
4877	9.2	3.5387	−0.0192	−14.617	−0.347	27°1731
73.	3.14	3	9 7 9.596	27 0 3.66		
89.	3.22	7	9.675	3.62		
4878	7.0	3.5094	−0.0181	−14.618	−0.344	25°2065
73.	3. 7	3	9 7 10.777	25 31 42.08		
76.	4. 3	3	10.724	42.30		
86.	4.10	7	10.839	43.93	No pointer	
86.	4.13	7	10.819	40.71	[reading	
4879	8.5	3.5650	−0.0203	−14.619	−0.349	28°1718
73.	3.27	3	9 7 12.199	28 17 55.73		
73.	4.10	3	12.091	54.93		
77.	3.15	3	12.095	56.08		
4880	9.0	3.5200	−0.0186	−14.626	−0.344	26°1917
73.	3.24	3	9 7 19.576	26 4 57.64		
73.	3.25	1	19.428	57.15		
73.	4. 1	1	19.549	55.53		
77.	4.14	3	19.659	56.00		
78.	4. 1	2	19.483	55.80		
80.	3.23	3	19.476	55.65		

4881	9^m.1	3^s.5244	−0^s.0187	−14″.627	−0″.345	26°1916
73. 3.25	3	$9^h\ 7^m 19^s.854$	26° 18′ 11″.11			
78. 4.12	3	20.052	11.06			
79. 3.29	3	19.716	11.36			
80. 4.12	3	19.856	10.67			
82. 4. 5	3	19.948	10.80			
4882	8.7	3.4945	−0.0176	−14.636	−0.342	24°2059
85. 4.13	7	9 7 28.953	24 47 40.60			
86. 3.24	7	28.964	40.61			
86. 3.25	7	28.953	40.07			
4883	7.9	3.5656	−0.0204	−14.675	−0.348	28°1722
73. 4. 7	3	9 8 8.471	28 25 57.57	largest of 3		
76. 4. 4	3	8.272	57.00	+ 1′		
77. 3.15	3	8.256	56.99	2 companions		
4884	8.2	3.5642	−0.0204	−14.696	−0.347	28°1723
73. 4. 7	2	9 8 29.435	28 24 9.17			
76. 4. 4	3	29.130	11.74			
78. 3.22	3	29.140	12.68			
4885	9.0	3.5713	−0.0207	−14.700	−0.348	28°1725
73. 3.27	3	9 8 33.408	28 45 21.64			
78. 4. 6	3	33.667	20.21			
78. 4. 8	3	33.538	21.29			
78. 4.15	3	33.497	20.34			
80. 4. 1	3	33.538	20.64			
81. 4. 7	3	33.557	20.64			
4886	9.0	3.4970	−0.0178	−14.703	−0.340	25°2069
73. 3. 7	3	9 8 36.287	25 2 28.41	Z.C. δ 29″.3		
73. 4. 2	3	36.263	29.51			
76. 4. 3	3	36.273	29.54			
78. 4. 2	3	36.249	29.73			
4887	9.5	3.5212	−0.0188	−14.714	−0.343	— —
74. 4. 8	3	9 8 47.306	26 18 15.38	†		
4888	8.5	3.5348	−0.0193	−14.715	−0.343	27°1734
73. 3.14	3	9 8 49.010	26 59 4.70			
75. 3. 4	3	49.143	4.99			
76. 3.29	3	49.046	6.18			
78. 3.23	3	49.214	4.53			
4889	9.5	3.5780	−0.0210	−14.720	−0.347	29°1881
73. 3.26	3	9 8 53.745	29 6 59.56			
92. 3.31	5	53.784	56.65			
4890	8.7	3.4974	−0.0179	−14.756	−0.339	25°2073
73. 3. 7	3	9 9 29.762	25 9 27.49			
73. 4. 2	3	29.828	27.05			
78. 4. 2	3	29.669	26.82			
4891	8.9	3.5616	−0.0205	−14.778	−0.345	28°1727
73. 4. 7	3	9 9 52.860	28 25 55.66			
76. 4. 4	3	52.607	56.85			
77. 3.15	3	52.646	57.12			
78. 4. 6	3	52.680	57.59			
4892	8.6	3.5316	−0.0194	−14.794	−0.342	27°1737
73. 3.14	3	9 10 8.918	26 58 10.14			
75. 3. 4	3	8.640	9.47			
76. 3.29	3	8.768	9.55			

4893	6^m.7	3^s.5509	−0^s.0201	−14″.799	−0″.344	28°1729
77. 3.15	2	$9^h 10^m 13^s.580$	27° 56′ 36″.21			
80. 4. 1	3	13.544	35.23			
83. 4. 6	3	13.595	36.97			
4894	9.4	3.5688	−0.0208	−14.799	−0.345	28°1728
73. 3.27	3	9 10 13.522	28 49 19.61			
78. 4. 6	3	13.660	17.09			
78. 4. 8	3	13.618	17.76			
4895	8.9	3.5518	−0.0201	−14.805	−0.343	28°1730
82. 4. 6	3	9 10 19.522	28 0 11.56			
84. 3.24	4	19.577	13.15			
84. 3.31	4	19.666	12.11			
84. 4. 2	4	19.439	12.30			
4896	7.0	3.5738	−0.0211	−14.813	−0.345	29°1883
73. 3.17	3	9 10 27.916	29 5 61.19			
73. 3.26	3	27.828	60.45			
79. 4. 4	3	27.972	56.83			
84. 4. 3	3	28.074	54.49	− 1′		
84. 4. 5	7	27.895	54.32			
94. 4. 7	7	27.988	49.17			
94. 4.10	7	27.954	50.17			
95. 3.11	7	28.009	49.12	§		
95. 3.13	7	28.092	49.49	§		
95. 3.16	7	28.073	50.53	§		
95. 3.21	7	27.971	48.49	§		
4897	9.0	3.5221	−0.0190	−14.817	−0.340	26°1922
73. 3.24	3	9 10 32.388	26 32 7.03			
73. 3.25	3	32.270	5.75			
73. 4. 1	3	32.210	4.76			
74. 3. 6	3	32.272	6.76			
74. 4. 8	3	32.336	5.70			
77. 4.14	3	32.353	5.49			
4898	9.4	3.5522	−0.0202	−14.819	−0.343	28°1731
84. 3.18	4	9 10 34.195	28 2 52.52			
92. 4. 1	7	34.022	52.90			
4899	8.8	3.5645	−0.0208	−14.824	−0.344	28°1732
78. 4. 8	3	9 10 38.659	28 40 12.27	Z.C. δ 12″.2		
81. 4. 4	2	38.712	11.61			
82. 4. 6	3	38.567	12.61			
4900	9.0	3.5937	−0.0219	−14.827	−0.347	30°1842
85. 3.28	5	9 10 42.668	30 5 10.86			
86. 3.24	5	42.567	9.96			
86. 3.25	5	42.657	9.08			
4901	9.5	3.5443	−0.0199	−14.828	−0.342	27°1738
73. 3.14	3	9 10 43.073	27 40 22.96	†		
4902	9.1	3.5503	−0.0202	−14.851	−0.342	28°1734
85. 3.30	5	9 11 6.680	28 0 54.00			
85. 4. 2	6	6.774	53.52			
85. 4.10	4	6.894	53.69			
4903	9.2	3.5051	−0.0184	−14.858	−0.337	25°2076
85. 4.13	7	9 11 13.467	25 43 54.61			
86. 3.31	7	13.592	56.49			

4904	$8^{m}9$	$3^{s}5653$	$-0^{s}0208$	$-14''875$	$-0''341$	28°1735
73. 3.27	3	$9^{h}11^{m}31^{s}168$	$28^{\circ}47'47''86$			
73. 4. 7	3	31.143	47.68			
76. 4. 4	2	31.238	48.51			
77. 3.15	2	31.181	48.02			
78. 4. 6	3	31.430	48.20			

4905	9.5	3.5680	−0.0210	−14.894	−0.342	29°1886
94. 3.16	7	9 11 50.486	28 58 36.32			
94. 3.20	7	50.090	35.05			
94. 3.31	7	50.134	35.85			v. ft.

4906	6.8	3.5238	−0.0192	−14.900	−0.338	26°1927
73. 3.24	3	9 11 56.611	26 46 37.77			
73. 3.25	3	56.493	38.09			
73. 4. 1	3	56.632	37.31			
74. 3. 6	3	56.625	38.00			
74. 4. 8	3	56.656	37.62			
77. 4 14	3	56.630	38.40			

4907	9.0	3.5855	−0.0217	−14.902	−0.344	29°1887
73. 3.17	3	9 11 58.350	29 50 26.48			
73. 3.26	3	58.492	29.32			
79. 4. 4	3	58.453	27.56			

4908	8.8	3.4878	−0.0178	−14.909	−0.334	25°2080
73. 3. 7	3	9 12 5 641	24 55 42.46			
73. 4. 2	3	5.767	42.74			
78. 4. 2	2	5.585	42.74			
80. 4. 1	3	5.762	42.52			

4909	8.0	3.5024	−0.0185	−14.917	−0.335	25°2081
78. 4. 2	2	9 12 14.050	25 42 30.20			
84. 3.31	4	14.058	29.96			
84. 4. 2	4	14.080	30.20			

4910	9.0	3.5634	−0.0208	−14.919	−0.342	28°1737
73. 3.27	3	9 12 16.160	28 48 12.55			
73. 4. 7	3	16.155	11.11			
76. 4. 4	2	16.162	12.42			
77. 3.15	1	16.244	11.87			
78. 4. 6	3	16.336	13.86			

4911	8.7	3.5460	−0.0202	−14.925	−0.339	28°1738
83. 4. 6	3	9 12 22.328	27 56 53.11			
85. 3.28	5	22.332	52.92			
86. 3.24	5	22.550	52.13			
86. 3.25	5	22.459	51.45			

4912	8.8	3.4845	−0.0177	−14.926	−0.333	24°2070
84. 3.24	3	9 12 23.124	24 46 58.04			
84. 4. 5	6	23.039	56.84			
84. 4. 9	7	23.145	56.47			

4913	8.1	3.5630	−0.0209	−14.936	−0.340	28°1739
73. 3.27	3	9 12 34.138	28 49 5.77			
73. 4. 7	1	33.712	4.73			
78. 4. 8	1	34.341	5.97			

4914	7.6	3.4872	−0.0179	−14.937	−0.333	25°2083
73. 3. 7	3	9 12 34.554	24 56 40.48			
73. 4. 2	2	34.562	41.54			
78. 4. 2	1	34.632	41.28			

4915	$9^{m}0$	$3^{s}5618$	$-0^{s}0209$	$-14''945$	$-0''340$	28°1740
93. 3.20	5	$9^{h}12^{m}43^{s}186$	$28^{\circ}46'31''89$			
93. 3.21	6	43.062	31.93			

4916	8.5	3.5402	−0.0201	−14.945	−0.338	27°1742
73. 3.14	3	9 12 43.303	27 41 27.59			
76. 3.29	3	43.194	29.36			
82. 4. 6	3	43.178	27.58			

4917	8.8	3.5349	−0.0198	−14.958	−0.337	27°1743
85. 3.30	5	9 12 56.692	27 27 13.74			
85. 4. 2	7	56.448	13.02			
85. 4.10	3	56.410	13.77			

4918	8.8	3.5110	−0.0189	−14.965	−0.334	26°1931
73. 3.24	3	9 13 3.956	26 14 24.33			
73. 3.25	3	3.868	22.01			
73. 4. 1	3	3.856	21.98			
74. 3. 6	3	3.988	22.64			
74. 4. 8	3	3.925	21.13			
77. 4.14	3	3.961	22.65			

4919	9.0	3.5650	−0.0211	−15.007	−0.338	29°1888
73. 3.17	3	9 13 46.913	29 3 29.92			
73. 3.26	3	46.804	32.21			
74. 2.24	1	46.983	32.36			
78. 3.26	3	46.833	31.82			
78. 4. 8	1	46.824	31.82			− 5′
79. 4. 4	3	46.884	32.18			

4920	9.1	3.5435	−0.0203	−15.012	−0.336	28°1741
85. 4.13	7	9 13 51.845	27 59 44.12			s. p.
86. 3.31	7	51.943	44.28			s. p. of 3
86. 4. 3	5	51.886	44.20			s. p.

4921	7.0	3.4988	−0.0185	−15.014	−0.331	25°2084
76. 3.17	3	9 13 54.300	25 41 47.39			
76. 4. 3	3	54.236	46.96			
80. 4. 1	3	54.308	46.89			
80. 4.16	3	54.391	46.98			

4922	8.2	3.5148	−0.0191	−15.017	−0.333	26°1932
73. 3.24	3	9 13 57.706	26 32 33.86			
73. 3.25	3	57.587	32.52			
73. 4. 1	3	57.765	32.00			
74. 3. 6	3	57.763	33.38			
74. 4. 8	3	57.629	31.85			
77. 4.14	3	57.731	32.68			

4923	8.7	3.5017	−0.0186	−15.030	−0.332	25°2085
73. 3. 7	3	9 14 11.094	25 53 15.73			
73. 4. 2	3	11.164	15.76			
78. 4. 2	3	11.066	16.41			
78. 4.12	3	11.257	16.67			

4924	7.8	3.5631	−0.0211	−15.039	−0.337	29°1890
73. 3.17	3	9 14 19.498	29 1 43.23			
73. 3.26	2	19.568	43.77			
74. 3.19	2	19.676	43.60			
76. 3.24	2	19.515	45.98			

4925	8.6	3.5300	−0.0198	−15.043	−0.334	27°1745
73. 3.14	3	9 14 23.822	27 22 31.65			
76. 3.29	3	23.480	33.50			
78. 3.23	3	23.843	32.17			ft.

4926	$9^{m}.5$	$3^{s}.5189$	$-0^{s}.0193$	$-15''.043$	$-0''.333$	$26^{\circ}1933$
80. 4. 1	3	$9^{h}14^{m}24^{s}.485$		$26^{\circ}47'46''.58$		
92.· 3.18	3	24.585		46.24		
4927	8.5	3.5710	−0.0215	−15.044	−0.338	$29^{\circ}1891$
75. 4. 6	3	9 14 25.607		29 25 40.59		Z.C. δ $40''.4$
76. 4. 8	3	25.553		40.10		
79. 4. 4	3	25 647		40.29		
80. 4.12	3	25.592		40.69		
81. 4. 8	3	25.724		40.00		
82. 4. 6	3	25.448		40.15		
83. 4. 6	3	25.628		40.75		
4928	9.1	3.5722	−0.0216	−15.079	−0.337	$29^{\circ}1893$
81. 4. 7	3	9 15 1.220		29 33 30.22		$+1^{m}$
85. 3.23	5	1.039		29.92		
85. 3.28	5	1.128		31.01		
85. 3.30	7	1.063		30.60		
4929	9.3	3.5222	−0.0195	−15.083	−0.332	$27^{\circ}1747$
81. 4. 1	3	9 15 5.742		27 3 18.98		
92. 3.31	7	5.876		17.70		
4930	8.0	3.5069	−0.0189	−15.101	−0.330	$26^{\circ}1936$
73. 3.24	3	9 15 24.245		26 17 27.29		
73. 3.25	3	24.158		25.09		
73. 4. 1	3	24.315		24.16		
74. 3. 6	3	24.305		26.80		
74. 4. 8	3	24.307		25.44		
77. 4.14	3	24.282		25.44		
4931	9.0	3.4870	−0.0182	−15.128	−0.327	$25^{\circ}2087$
73. 3. 7	3	9 15 52.528		25 17 47.01		
73. 4. 2	3	52.521		48.79		
76. 3.17	3	52.711		48.07		
4932	9.5	3.5236	−0.0198	−15.134	−0.330	$27^{\circ}1748$
73. 3.14	3	9 15 58.454		27 13 47.74		
89. 3.22	7	58.675		47.72		
4933	6.7	3.4940	−0.0186	−15.152	−0.328	$25^{\circ}2088$
73. 3. 7	3	9 16 17.719		25 42 56.57		
73. 4. 2	3	17.686		58.02		
76. 3.17	3	17.696		57.30		
81. 3.28	3	17.617		56.27		
81. 3.28	3	17.537		56.88		
81. 3.30	3	17.716		55.05		
81. 3.30	2	17.756		55.57		
82. 4. 6	3	17.583		57.81		
86. 4. 3	5	17.661		56.68		
4934	8.2	3.4778	−0.0179	−15.155	−0.326	$24^{\circ}2077$
76. 4. 3	3	9 16 20.857		24 51 5.89		
78. 4. 2	3	20.965		5.94		
78. 4.12	3	20.987		6.29		
4935	8.1	3.5459	−0.0207	−15.167	−0.332	$28^{\circ}1745$
73. 3.27	3	9 16 33.017		28 25 59.50		
73. 4. 7	3	33.138		59.57		
76. 4. 4	3	33.058		60.44		
78. 4.15	3	33.016		59.26		

4936	$7^{m}.0$	$3^{s}.5068$	$-0^{s}.0192$	$-15''.184$	$-0''.327$	$26^{\circ}1938$
73. 3.24	3	$9^{h}16^{m}51^{s}.110$		$26^{\circ}27'14''.91$		
73. 3.25	3	51.188		13.87		
73. 4. 1	3	51.195		13.64		
74. 3. 6	3	51.057		14.53		
74. 3. 6	2	51.247		14.68		
74. 4. 8	3	51.265		14.00		
77. 4.14	3	51.162		13.81		
78. 4. 1	3	51.168		13.12		
78. 4. 1	3	51.128		13.68		
4937	8.8	3.5493	−0.0209	−15.187	−0.331	$28^{\circ}1746$
76. 4. 4	3	9 16 54.462		28 39 2.58		
76. 4. 7	3	54.619		3.62		
77. 3.15	3	54.608		0.99		
78. 4.15	3	54.561		1.56		
4938	7.3	3.4790	−0.0180	−15.194	−0.325	$25^{\circ}2089$
73. 4. 2	3	9 17 1.371		24 59 26.81		
74. 4.13	3	1.292		25.20		
76. 4. 3	3	1.190		24.72		
78. 4. 2	2	1.207		25.14		
86. 4. 8	3	1.283		25.82		clds
86. 4.10	5	1.112		27.65		
86. 4.13	5	1.197		24.42		
4939	9.2	3.5528	−0.0211	−15.200	−0.332	$28^{\circ}1748$
73. 3.27	3	9 17 7.922		28 51 27.83		
73. 4. 7	3	7.844		27.66		
77. 3.15	3	7.835		28.77		
4940	4.0	3.5106	−0.0194	−15.214	−0.327	$26^{\circ}1939$
73. 3.24	3	9 17 22.439		26 43 9.55		
73. 4. 1	3	22.366		8.18		
74. 4. 8	3	22.241		8.10		
77. 4.14	3	22.365		8.14		
4941	8.4	3.5202	−0.0198	−15.217	−0.328	$27^{\circ}1750$
73. 3.14	3	9 17 25.691		27 13 6.72		
73. 3.28	3	25.688		7.99		
78. 3.23	3	25.785		7.63		
78. 3.25	3	25.758		7.20		
78. 3.25	2	25.738		7.12		
4942	9.0	3.5701	−0.0219	−15.232	−0.332	$29^{\circ}1896$
73. 3.17	3	9 17 41.525		29 47 21.29		$+10^{s}$
73. 3.26	3	41.280		21.70		
74. 2.24	3	41.432		21.12		
74. 3.19	3	41.379		21.50		
4943	8.4	3.5760	−0.0222	−15.233	−0.333	$30^{\circ}1864$
75. 4. 6	3	9 17 43.088		30 4 57.67		
76. 4. 8	3	43.095		58.27		
78. 3.26	3	43.036		56.78		
78. 3.26	3	43.146		57.08		
85. 3.23	7	43.023		55.04		-3°
85. 3.28	7	43.061		58.18		
85. 3.30	7	43.015		57.02		
4944	8.0	3.4918	−0.0186	−15.235	−0.324	$25^{\circ}2091$
73. 3. 7	3	9 17 44.733		25 45 40.15		
78. 4. 2	2	44.800		39.79		
78. 4.12	3	44.909		39.98		
92. 3.22	6	44.956		39.83		

4945 $9^{\mathrm{m}}.1$ $3^{\mathrm{s}}.5703$ $-0^{\mathrm{s}}.0219$ $-15''.236$ $-0''.332$ 29°1897

73. 3.17	2	$9^{\mathrm{h}}17^{\mathrm{m}}46^{\mathrm{s}}.384$	29° 48′ 28″.37	
73. 3.26	3	46.121	31.17	
74. 2.24	2	46.262	29.84	
74. 3.19	3	46.269	31.14	
76. 3.24	3	45.994	29.80	

4946 8.9 3.5112 −0.0194 −15.240 −0.326 26°1940

73. 3.25	3	9 17 50.468	26 47 58.89	
78. 4.11	3	50.563	60.44	
80. 3.23	3	50.637	58.04	
80. 4. 1	3	50.602	59.08	
81. 4. 7	3	50.573	58.42	
81. 4. 9	3	50.603	58.86	
81. 4. 9	2	50.473	58.33	
82. 4. 5	3	50.480	58.88	

4947 8.3 3.4822 −0.0183 −15.250 −0.323 25°2093

76. 4. 3	3	9 18 0.251	25 16 15.11	Z.C. δ 15″.8
80. 4.12	3	0.113	15.19	
80. 4.16	3	0.308	15.53	
80. 4.16	3	0.258	15.84	
83. 4. 6	3	0.202	17.31	

4948 9.3 3.4903 −0.0186 −15.252 −0.324 25°2092

81. 3.28	3	9 18 3.046	25 43 9.40	
92. 4. 1	7	2.940	10.96	

4949 8.6 3.5611 −0.0216 −15.255 −0.331 29°1899

75. 4. 6	3	9 18 6.451	29 23 27.32	
76. 4. 8	3	6.246	27.70	
78. 4. 8	3	6.317	27.14	

4950 9.5 3.5153 −0.0196 −15.261 −0.326 27°1751

78. 4. 6	3	9 18 11.904	27 3 19.84	
80. 4. 1	3	11.811	20.15	
81. 4. 1	3	12.029	19.74	
81. 4. 7	3	11.950	19.33	
81. 4. 8	3	11.983	19.31	

4951 9.2 3.4774 −0.0181 −15.261 −0.323 25°2094

73. 4. 2	2	9 18 12.721	25 2 13.26	
76. 3.17	3	12.519	10.78	$-0^{\mathrm{s}}.5$
78. 4. 2	2	12.566	10.87	

4952 9.1 3.4888 −0.0186 −15.267 −0.324 25°2095

73. 3. 7	2	9 18 18.516	25 39 46.36	Z.C. δ 47″.1
80. 4.12	3	18.635	48.27	
81. 3.30	3	18.710	45.88	
81. 4.13	3	18.674	47.50	
82. 4. 6	3	18.602	47.69	

4953 8.7 3.5086 −0.0194 −15.279 −0.325 26°1941

73. 3.24	3	9 18 31.228	26 44 30.59	
73. 3.25	3	31.218	28.61	
73. 4. 1	3	31.194	29.27	
74. 3. 6	3	31.328	31.12	+ 5′
74. 4. 8	2	31.252	30.03	
78. 4. 1	3	31.168	30.10	
78. 4.11	3	31.136	30.57	
86. 4. 3	7	31.299	29.67	

4954 $9^{\mathrm{m}}.0$ $3^{\mathrm{s}}.5706$ $-0^{\mathrm{s}}.0221$ $-15''.283$ $-0''.331$ 30°1866

79. 4. 4	3	$9^{\mathrm{h}}18^{\mathrm{m}}35^{\mathrm{s}}.639$	29° 55′ 47″.17	Z.C. δ 46″.9
79. 4. 4	3	35.519	47.48	
80. 3.23	3	35.593	45.82	
81. 3.31	3	35.517	47.14	
81. 4. 8	3	35.515	45.89	
83. 4. 6	3	35.634	47.79	

4955 8.2 3.5557 −0.0215 −15.288 −0.328 29°1900

74. 3.19	1	9 18 40.413	29 11 26.61	
76. 3.24	2	40.468	26.45	
78. 4. 8	3	40.341	25.32	

4956 9.3 3.5716 −0.0222 −15.294 −0.330 30°1867

81. 3.28	1	9 18 47.399	30 0 27.91	Z.C. δ 27″.5
92. 3.30	3	47.484	27.08	v. ft.

4957 8.5 3.4960 −0.0189 −15.302 −0.323 26°1942

74. 3. 6	1	9 18 55.016	26 6 55.27	*
77. 4.14	3	55.511	54.49	
78. 4.12	3	55.383	54.46	

4958 8.6 3.5094 −0.0196 −15.331 −0.323 26°1944

73. 3.25	3	9 19 25.975	26 53 41.84	Z.C. δ 41″.1
73. 4. 1	3	26.030	41.33	
74. 4. 8	2	26.016	41.85	
77. 4.14	2	25.980	41.84	
78. 4. 1	3	25.978	41.47	
86. 4. 8	3	26.023	40.28	
86. 4.10	5	26.004	42.00	
86. 4.13	5	26.111	38.51	

4959 8.5 3.5341 −0.0206 −15.332 −0.326 28°1754

73. 3.27	3	9 19 27.681	28 11 17.50	
73. 4. 7	3	27.810	18.20	clds.
76. 4. 4	3	27.483	18.10	
76. 4. 7	3	27.736	19.60	
77. 3.15	3	27.690	18.20	
78. 3 22	3	27.751	19.06	
78. 4.15	3	27.691	18.99	

4960 8.5 3.5639 −0.0220 −15.361 −0.328 29°1903

73. 3.17	3	9 19 58.871	29 46 28.64	
73. 3.26	3	58.856	29.44	
74. 2.24	3	59.041	28.25	
74. 3.19	3	58.992	29.37	
75. 4. 6	3	58.893	28.87	
76. 3.24	3	58.948	28.17	
76. 4. 8	3	59.032	28.23	

4961 9.5 3.5256 −0.0204 −15.378 −0.323 27°1754

73. 3.14	3	9 20 16.949	27 50 59.34	
78. 3.25	3	17.075	61.11	
78. 4. 6	3	16.870	60.13	

4962 9.1 3.4863 −0.0187 −15.394 −0.320 25°2098

73. 3. 7	3	9 20 33.952	25 47 19.16	
73. 4. 2	3	34.196	20.72	
74. 4.13	3	33.925	20.29	
76. 3.17	3	34.039	19.75	
78. 4. 2	3	33.873	18.96	
78. 4. 2	3	33.993	19.37	

4963	$9^{m}4$	$3^{s}4978$	$-0^{s}0192$	$-15''406$	$-0''319$	26°1947
73. 3.24	2	$9^{h}20^{m}46^{s}849$	26° 25′ 58″28			
73. 4. 1	3	46.704	57.74			
89. 3.22	7	46.544	59.28			
89. 4. 5	7	46.718	59.42			
4964	8.7	3.5413	−0.0211	−15.409	−0.324	28°1761
73. 3.27	3	9 20 49.590	28 43 50.66			
73. 4. 7	2	49.889	49.69			clds.
76. 4. 4	3	49.607	51.34			
76. 4. 7	3	49.671	50.61			
77. 3.15	3	49.776	49.36			
78. 4.15	3	49.662	50.76			
4965	9.0	3.4983	−0.0193	−15.409	−0.320	26°1948
73. 3.24	3	9 20 49.879	26 28 10.48			
73. 3.25	3	49.721	9.34			
74. 3. 6	3	49.804	10.59			
74. 4. 8	3	49.911	9.27			
77. 4.14	3	49.776	10.11			
78. 4.11	3	49.743	9.04			
78. 4.11	3	49.713	10.31			
4966	9.1	3.5529	−0.0216	−15.415	−0.325	29°1904
73. 3.26	3	9 20 56.116	29 20 30.19			
74. 2.24	3	55.997	30.85			
90. 4. 2	7	55.811	28.97			
4967	9.0	3.5166	−0.0201	−15.419	−0.321	27°1756
73. 3.14	3	9 21 0.336	27 27 51.75			
73. 3.28	2	0.297	51.87			
78. 3.23	3	0.278	51.92			
86. 4. 8	2	0.199	52.99			clds.
86. 4.13	5	0.236	50.83			
4968	8.5	3.5018	−0.0195	−15.455	−0.319	26°1951
73. 3.24	3	9 21 39.498	26 45 23.70			
73. 3.25	3	39.330	23.34			
73. 4. 1	2	39.334	21.90			
74. 3. 6	3	39.321	23.43			
74. 4. 8	3	39.367	23.54			
77. 4.14	2	39.498	23.64			
78. 4. 1	3	39.254	23.25			
4969	8.6	3.5273	−0.0206	−15.460	−0.321	28°1763
76. 4. 4	3	9 21 44.539	28 7 4.67			
78. 3.22	3	44.745	7.30			
78. 4. 6	3	44.721	4.99			
78. 4.15	3	44.711	4.96			− 1 int.
4970	8.9	3.5341	−0.0209	−15.462	−0.321	28°1764
73. 3.27	3	9 21 47.055	28 28 36.94			
76. 4. 7	3	47.449	36.32			
77. 3.15	3	47.204	36.88			
78. 4. 8	3	47.019	37.28			
4971	9.2	3.4829	−0.0187	−15.465	−0.317	25°2100
81. 4. 8	3	9 21 49.595	25 45 16.96			Z.C. δ 17″4
92. 3.31	5	49.560	17 88			
4972	9.5	3.5107	−0.0199	−15.480	−0.319	27°1759
73. 3.28	3	9 22 5.943	27 17 3.40			†
4973	$8^{m}0$	$3^{s}5225$	$-0^{s}0205$	$-15''490$	$-0''320$	28°1765
73. 4. 7	3	$9^{h}22^{m}16^{s}803$	27° 56′ 16″49			
76. 4. 4	2	16.883	18.64			$+0^{s}5$
92. 3.18	7	16.673	17.73			
92. 3.22	7	16 454	17.69			
4974	8.9	3.5492	−0.0217	−15.508	−0.322	29°1905
73. 3.17	3	9 22 36.477	29 21 51.73			
73. 3.26	3	36.550	51.61			
74. 2.24	3	36.489	51.05			
75. 4. 6	3	36.463	51.06			
76. 4. 8	3	36.430	51.60			
79. 4. 4	3	36.370	50.99			
4975	8.0	3.5470	−0.0216	−15.513	−0.321	29°1906
74. 2.24	2	9 22 41.829	29 15 45.80			
74. 3.19	3	41.864	46.27			
76. 3.24	3	41.685	46.70			
4976	9.3	3.5085	−0.0199	−15.518	−0.317	27°1761
73. 3.10	3	9 22 47.094	27 15 11.97			
73. 3.14	3	47.034	13.71			+ 1′
73. 3.28	3	46.964	15.52			
4977	8.3	3.4710	−0.0183	−15.524	−0.313	25°2105
73. 3. 7	3	9 22 53.603	25 13 33.81			
73. 4. 2	3	53.681	36.07			
74. 4.13	3	53.743	35.39			
76. 3.17	3	53.598	34.41			
4978	8.5	3.5628	−0.0224	−15.534	−0.322	30°1873
85. 3.23	5	9 23 4.853	30 7 11.23			
85. 3.28	5	4.679	14.13			
85. 3.30	5	4.712	13.68			
4979	8.7	3.5537	−0.0220	−15.537	−0.321	29°1907
73. 3.17	3	9 23 7.538	29 39 35.40			
73. 3.26	3	7.661	36.47			
74. 3.19	3	7.730	37.23			
76. 4. 8	3	7.548	36.65			
4980	9.0	3.4783	−0.0187	−15.538	−0.314	25°2106
73. 3. 7	3	9 23 8.729	25 39 28.14			
74. 4.13	3	8.643	29.95			+ 5′
76. 4. 3	3	8.667	29.75			
83. 4. 6	3	8.790	30.85			
4981	9.5	3.5191	−0.0205	−15.556	−0.317	28°1767
73. 3.27	3	9 23 28.694	27 54 37.13			
92. 4. 5	4	28.970	37.82			
4982	9.0	3.4728	−0.0185	−15.568	−0.312	25°2108
73. 4. 2	3	9 23 41.667	25 25 15.69			
76. 3.17	3	41 581	15.05			
78. 4. 2	3	41 532	14.51			
4983	9.3	3.5073	−0.0200	−15.570	−0.316	27°1765
73. 3.14	3	9 23 43.368	27 18 25.73			
92. 3.30	6	43.113	23.79			
4984	8.8	3.5554	−0.0221	−15.572	−0.320	29°1908
73 3.26	3	9 23 46.228	29 50 11.69			
74. 2.24	1	46.121	10.92			
75. 4. 6	3	46.068	9.95			
76. 3.24	3	45.996	10.95			

4985	$8\overset{\mathrm{m}}{.}5$	$3\overset{\mathrm{s}}{.}4755$	$-0\overset{\mathrm{s}}{.}0187$	$-15\overset{''}{.}579$	$-0\overset{''}{.}312$	$25^{\circ}2109$
85. 4. 2	7	$9^{\mathrm{h}}23^{\mathrm{m}}53\overset{\mathrm{s}}{.}361$	$25^{\circ}35'41\overset{''}{.}81$			
85. 4.10	7	53.260	42.81			
86. 3.24	7	53.289	41.76			
86. 3.25	7	53.279	41.27			
4986	9.3	3.4887	−0.0192	−15.580	−0.314	— —
73. 3.25	3	9 23 54.228	26 19 24.47			
73. 4. 1	3	54.391	22.70			
4987	6.8	3.5184	−0.0206	−15.585	−0.316	$28^{\circ}1768$
73. 3.27	3	9 23 59.470	27 56 8.92			
73. 4. 7	3	59.715	8.60			clds.
76. 4. 4	3	59.390	9.95			
76. 4. 7	3	59.595	8.46			
78. 4. 8	3	59.631	8.60			
78. 4. 8	3	59.501	8.61			
78. 4.15	3	59.383	7.17			
4988	9.0	3.4762	−0.0187	−15.598	−0.312	$25^{\circ}2110$
78. 4. 2	2	9 24 14.413	25 40 10.36			
80. 4.12	2	14.585	10.53			ex. ft.
80. 4.16	3	14.499	13.87			
81. 4. 8	3	14.627	9.81			
83. 4. 6	3	14.712	11.52			
4989	8.6	3.4633	−0.0182	−15.602	−0.310	$25^{\circ}2111$
81. 3.30	3	9 24 18.857	24 57 47.63			Z.C. δ $47\overset{''}{.}6$
81. 3.31	3	18.800	47.96			
81. 4. 4	3	18.688	47.02			
81. 4.13	3	18.827	47.12			clds. ft.
81. 4.13	2	18.927	47.43			clds. ft.
82. 4. 6	3	18.837	48.69			
4990	9.0	3.4879	−0.0193	−15.607	−0.313	$26^{\circ}1957$
73. 3.24	3	9 24 23.942	26 20 27.38			
73. 4. 1	3	23.865	24.48			
74. 3. 6	3	23.685	26.04			
74. 4. 8	3	23.744	26.22			
74. 4. 8	1	23.754	25.31			
77. 4.14	3	23.808	26.74			
85. 4.13	7	23.798	25.72			
85. 4.17	7	23.827	25.92			−ve A − 5″
86. 3.31	7	23.764	25.41			
4991	8.5	3.5056	−0.0200	−15.609	−0.314	$27^{\circ}1768$
73. 3.10	3	9 24 26.152	27 18 15.94			
73. 3.14	3	26.272	16.47			
73. 3.28	3	26.219	16.79			
78. 3.23	3	26.260	15.80			
4992	9.0	3.4699	−0.0185	−15.613	−0.311	$25^{\circ}2112$
74. 4.13	2	9 24 31.011	25 21 23.29			Z.C. δ $23\overset{''}{.}4$
78. 4.12	3	30.807	23.23			
81. 4. 1	3	30.891	22.40			
81. 4. 7	3	30.869	22.97			
83. 4. 6	2	31.027	25.30			+ 1′
4993	8.5	3.4724	−0.0186	−15.621	−0.311	$25^{\circ}2113$
73. 4. 2	3	9 24 39.201	25 30 44.87			
75. 4.13	3	39.215	41.94			
78. 4. 2	2	39.115	43.11			

4994	$8\overset{\mathrm{m}}{.}0$	$3\overset{\mathrm{s}}{.}5061$	$-0\overset{\mathrm{s}}{.}0201$	$-15\overset{''}{.}628$	$-0\overset{''}{.}314$	$27^{\circ}1770$
78. 3.25	3	$9^{\mathrm{h}}24^{\mathrm{m}}47\overset{\mathrm{s}}{.}358$	$27^{\circ}22'40\overset{''}{.}04$			
78. 3.25	2	47.508	40.18			
78. 4. 6	3	47.469	39.96			
78. 4.11	3	47.497	40.88			
78. 4.15	3	47.267	40.18			
4995	9.3	3.4802	−0.0190	−15.637	−0.311	$26^{\circ}1959$
73. 4. 1	2	9 24 56.413	25 58 52.86			
92. 4. 1	4	56.234	53.49			
4996	9.2	3.4810	−0.0190	−15.645	−0.311	$26^{\circ}1960$
81. 4. 8	1	9 25 4.957	26 2 31.20			bad *
92. 3.31	7	5.445	31.44			Z.C. δ $31\overset{''}{.}3$
4997	8.9	3.5577	−0.0224	−15.647	−0.318	$30^{\circ}1875$
85. 3.23	5	9 25 7.174	30 8 8.90			
85. 3.28	7	7.108	11.12			
86. 4. 3	5	7.154	10.05			
4998	9.3	3.4769	−0.0188	−15.647	−0.311	$25^{\circ}2114$
73. 3. 7	3	9 25 7.767	25 49 17.08			
73. 4. 2	3	7.892	19.63			
75. 4.13	3	7.769	16.75			
76. 3.17	3	7.769	17.87			
4999	9.2	3.4803	−0.0190	−15.654	−0.310	$26^{\circ}1961$
73. 3.24	3	9 25 15.679	26 1 34.16			Z.C. Ep. 77.7
73. 3.25	3	15.500	33.06			
74. 3. 6	3	15.511	33.36			
76. 4. 3	2	15.459	32.99			v. ft.
77. 4.14	3	15.620	33.84			
80. 3.23	3	15.700	31.28			$+ 1^{\mathrm{s}}$
81. 4. 7	3	15.513	32.41			
81. 4. 8	2	15.667	32.14			
82. 4. 5	3	15.467	32.50			
5000	9.1	3.5097	−0.0203	−15.658	−0.313	$27^{\circ}1774$
86. 3.23	7	9 25 19.227	27 38 9.91			Z.C. δ $9\overset{''}{.}0$
92. 4. 5	2	19.463	8.02			+ 1 int.
5001	7.0	3.5076	−0.0202	−15.666	−0.313	$27^{\circ}1775$
73. 3.10	3	9 25 28.278	27 32 50.75			
73. 3.28	3	28.455	50.93			
78. 4. 6	3	28.326	49.72			
78. 4.11	3	28.275	48.71			
78. 4.18	3	28.298	49.69			
85. 3.30	7	28.140	47.18			
87. 4. 7	7	28.316	48.60			+ 1′
88. 3.27	7	28.165	48.00			
5002	9.4	3.4777	−0.0189	−15.676	−0.310	$26^{\circ}1962$
74. 3. 6	3	9 25 39.178	25 55 37.58			Z.C. δ $37\overset{''}{.}4$
74. 4. 8	2	39.292	37.52			
81. 3.30	3	39.563	36.93			
81. 4. 4	3	39.422	37.75			
5003	9.5	3.4787	−0.0190	−15.678	−0.310	$26^{\circ}1963$
73. 4. 1	1	9 25 41.385	25 59 28.04			†
5004	8.3	3.5108	−0.0204	−15.679	−0.312	$27^{\circ}1776$
78. 4.15	3	9 25 42.560	27 44 54.22			Z.C. δ $55\overset{''}{.}6$
80. 4.12	3	42.562	56.14			ex. ft.
80. 4.16	3	42.678	55.60			
82. 4. 6	3	42.764	56.29			

5005	$7^{m}.0$	$3^{s}.5321$	$-0^{s}.0214$	$-15''.694$	$-0''.314$	29°1913
73. 3.17	3	$9^{h}25^{m}59^{s}.014$	$28^{\circ}\,55'\,15''.94$			
73. 3.26	3	58.914	15.10			
74. 2.24	3	58.884	15.33			
74. 3.19	3	58.872	14.23			
75. 4. 6	3	58.937	13.44			
76. 3.24	3	58.900	15.45			
76. 4. 8	3	58.790	14.21			
79. 4. 4	3	58.809	13.59			
79. 4. 4	3	58.879	14.38			
5006	9.5	3.5129	−0.0205	−15.702	−0 312	— —
78. 4. 6	1	9 26 8.240	27 54 44.46			†
5007	8.8	3.5414	−0.0218	−15.703	−0.315	29°1914
73. 3.17	2	9 26 9.074	29 25 57.19			
73. 3 26	2	8.995	57.37			
74. 2.24	1	9.161	58.77			
74. 3.19	3	9.010	58.30			
75. 4. 6	3	9.056	57.74			
76. 3.24	3	9.039	57.77			
76. 4. 8	2	8.879	57.38			
5008	9.5	3.5116	−0.0205	−15.709	−0.311	27°1778
73. 3.14	3	9 26 16.497	27 52 4.13			
78. 4.11	2	16.345	4.99			
5009	9.0	3.4929	−0.0197	−15.722	−0.310	26°1965
73. 3.24	3	9 26 30.434	26 52 41.74			
73. 3.25	3	30.506	40.50			
74. 4. 8	1	30.337	39.79			
77. 4.14	3	30.534	41.05			
78. 4.12	3	30.394	41.22			
5010	9.1	3.4557	−0.0181	−15.731	−0.305	24°2102
85. 4.13	7	9 26 40.452	24 48 60.25			
85. 4.15	6	40.671	60.27			
86. 3.24	7	40.530	60.13			
86. 3.25	7	40.462	59.01			
5011	8.0	3.5113	−0.0206	−15.733	−0.311	27°1779
73. 3.10	3	9 26 42.745	27 54 17.92			
73. 3.14	2	42.804	18.01			
73. 3.28	3	42.750	17.85			
78. 4.15	3	42.690	16.12			
5012	8.3	3.5012	−0.0201	−15.735	−0.310	27°1780
78. 3 25	3	9 26 45.169	27 21 35.80			Z.C. α $45^{s}.04$
78. 4.18	3	45.055	36.12			ft.
80. 3.23	3	45.013				§ No microm^{r}.
80. 4.16	3	45.083	35.88			
81. 4. 7	3	45.029	36.21 §			
81. 4.13	3	45.001	34.59			
81. 4.13	2	44.911	35.58			
82. 4. 5	3	45.017	36.27			
83. 4. 6	3	45.071	36.80			
5013	8.9	3.4662	−0.0186	−15.737	−0.306	25°2118
73. 3. 7	3	9 26 46.147	25 25 34.43			
73. 4. 2	3	46.277	36.93			
74. 4.13	3	46.192	35.89			
76. 3.17	3	46.441	35.29			− 1 int.
76. 4. 3	3	46.213	34.61			
78. 4. 2	3	46.167	34.19			
78. 4. 2	2	46.357	35.36			
92. 3.18	7	46.493	35.30			
92. 3.22	7	46.371	35.39			
92. 3.24	7	46.328	35.00			

5014	$9^{m}.4$	$3^{s}.5197$	$-0^{s}.0210$	$-15''.749$	$-0''.311$	28°1769
73. 3.27	3	$9^{h}26^{m}59^{s}.900$	$28^{\circ}\,23'\,55''.98$			
92. 3.30	7	59.972	52.69			
92. 4. 1	5	59.895	53.69			
5015	8.2	3.5194	−0.0211	−15.795	−0.309	28°1771
73. 3.27	3	9 27 50.704	28 29 19.81			
73. 4. 7	3	50.799	18.80			
76. 4. 4	2	50.575	20.14			
76. 4. 7	3	50.709	19.96			
78. 4. 8	3	50.675	20.30			
81. 4. 9	3	50.736	19.63			
5016	9.0	3.4644	−0.0187	−15.795	−0.304	25°2121
73. 3. 7	3	9 27 50.831	25 27 32.93			
73. 4. 2	3	50.888	35.03			
74. 4.13	3	50.924	35.19			
76. 3.17	3	50.960	33.84			
76. 4. 3	3	50.703	33.38			
5017	8.5	3.5267	−0.0214	−15 796	−0.310	28°1772
76. 4. 4	2	9 27 52.012	28 53 28.30			Z.C. δ $27''.2$
77. 3.15	3	51.985	26.70			
81. 3.30	3	52.132	26.60			
5018	7.7	3.4873	−0.0197	−15.798	−0.306	26°1974
73. 3.25	3	9 27 54.730	26 44 53.94			
73. 4. 1	3	54.650	54.12			
74. 3 6	3	54.686	55.26			
74. 4. 8	2	54.634	54.65			
77. 4.14	3	54.643	54.87			
5019	8.8	3.5033	−0.0204	−15.817	−0.307	27°1781
73. 3.10	3	9 28 15.987	27 40 20.06			
73. 3.28	3	15.951	21.94			
78. 3.23	2	16.227	20.40			
78. 3.25	3	15.953	19.87			
78. 4. 6	3	16.057	20.49			
5020	9.0	3.4893	−0.0198	−15.818	−0.306	26°1977
73. 3.24	3	9 28 16.989	26 54 35.14			ft.
73. 3.25	3	16.670	34.57			
74. 3. 6	3	16.825	33.84			
78. 4.11	3	16.954	34.81			
78. 4.12	3	16.718	34.35			
5021	8.8	3.5462	−0.0224	−15.827	−0.311	30°1879
73. 3.17	1	9 28 26 865	29 59 35.43			
73. 3.26	3	26.604	34.89			
74. 2.24	3	26.789	35.97			
75. 4. 6	3	26.601	34.53			
76. 4. 8	3	26.763	35.36			
85. 3.23	5	26.776	33.03			
85. 3.28	5	26.701	35.10			+ 2′
85. 3.30	5	26.732	34.85			
5022	9.1	3.5114	−0.0209	−15.851	−0.306	28°1773
73. 4. 7	3	9 28 52.948	28 12 0.17			
76. 4. 7	3	53.149	1.04			
78. 3.22	3	53.175	0.23			

5023 $9^m.5$ $3^s.4852$ $-0^s.0197$ $-15''.864$ $-0''.304$ 26°1980

73. 4. 1	3	$9^h 29^m 8^s.419$	26° 47′ 14″.57	
74. 4. 8	2	8.275	13.64	
78. 4. 1	3	8.649	14.15	
80. 3.23	3	8.586	12.07	
81. 4. 7	3	8.417	14.30	
81. 4. 8	3	8.620	12.37	
82. 4. 5	3	8.910	12.98	
83. 4. 6	3	9.056	15.87	

5024 9.0 3.5235 −0.0214 −15.868 −0.307 28°1774

73. 3.27	3	9 29 12.938	28 53 50.68	− 1 int.
76. 4. 4	2	12.966	51.21	
77. 3.15	3	12.948	50.87	

5025 9.3 3.5340 −0.0220 −15.871 −0.308 29°1919

73. 3.17	3	9 29 16.755	29 27 53.01	
73. 3.26	3	16.472	52.49	
74. 2.24	3	16.616	52.60	
74. 3.19	3	16.727	53.27	
76. 4. 8	3	16.498	52.59	

5026 9.5 3.5226 −0.0214 −15.872 −0.307 28°1775

73. 3.27	1	9 29 17.528	28 51 41.31	†

5027 8.9 3.5163 −0.0211 −15.873 −0.306 28°1776

77. 3.15	1	9 29 18.304	28 31 20.79	
78. 3.22	2	18.327	22.08	
78. 4. 8	3	18.083	20.85	
78. 4.15	3	18.144	21.82	
80. 4.12	3	18.178	20.87	
81. 4. 4	3	18.155	20.76	

5028 8.8 3.5445 −0.0224 −15.878 −0.309 30°1883

76. 3.24	3	9 29 23.741	30 2 25.09	
85. 4. 2	7	23.785	23.54	
85. 4.13	7	23.778	24.30	
85. 4.17	7	23.731	25.97	

5029 9.4 3.4911 −0.0200 −15.880 −0.304 27°1787

73. 3.10	3	9 29 26.257	27 9 13.70	
73. 3.14	3	26.345	14.52	
73. 3.28	3	26.336	14.83	
78. 4. 6	3	26.496	13.15	

5030 7.3 3.5120 −0.0210 −15.885 −0.306 28°1780

92. 3.31	7	9 29 31.890	28 19 0.34	
93. 3.20	7	31.914	2.55	

5031 8.9 3.5159 −0.0211 −15.887 −0.306 28°1779

78. 4. 8	3	9 29 33.915	28 32 3.57	Z.C. α $33^s.88$
80. 4.12	2	33.810	2.21	
81. 4. 4	3	33.877	2.03	
81. 4. 9	3	33.828	3.37	+ 5′
81. 4.13	3	33.874	1.96	
81. 4.13	2	33.964	1.32	clds.

5032 9.0 3.5182 −0.0212 −15.889 −0.306 28°1781

80. 4.16	3	9 29 35.932	28 39 58.04	
86. 3.23	7	35.775	57.88	
86. 3.24	7	35.856	57.82	
86. 3.25	7	35.904	56.65	
86. 3.31	7	35.876	57.85	

5033 ($9^m.4$) $3^s.4840$ $-0^s.0197$ $-15''.890$ $-0''.303$ 26°1981

73. 3.24	3	$9^h 29^m 38^s.044$	26° 47′ 30″.09	v. ft.
73. 3.25	3	38.094	26.89	
74. 3. 6	3	37.876	28.27	
89. 3.22	7	38.044	26.60	

Variable: see A. N. 4218

5034 9.3 3.5209 −0.0214 −15.892 −0.306 28°1782

76. 4. 4	2	9 29 39.529	28 49 23.54	
81. 3.30	3	39.802	22.57	
81. 4. 8	3	39.642	22.01	

5035 9.3 3.5059 −0.0207 −15.895 −0.305 28°1783

73. 4. 7	2	9 29 42.525	28 0 40.92	p. of 2: clds.
80. 3.23	3	42.402	38.75	d. p.
80. 4.16	2	42.410	39.00	
81 4. 7	3	42.640	39.39	
82. 4. 5	2	42.397	38.94	
83. 4. 6	2	42.657	41.58	c. d.

5036 9.1 3.4673 −0.0190 −15.922 −0.300 25°2124

73. 4. 1	3	9 30 13.720	25 55 7.48	
74. 3. 6	1	13.832	8.18	
85. 3.23	5	13.828	5.88	
85. 3.28	7	13.908	9.40	− 1′
85. 3.30	5	13.738	7.66	

5037 9.5 3.4859 −0.0199 −15.927 −0.302 27°1788

73. 3.14	3	9 30 18.432	26 58 55.27	
78. 4. 6	3	18.643	56.59	
78. 4.11	3	18.650	56.66	

5038 8.9 3.4501 −0.0183 −15.933 −0.299 25°2126

73. 3. 7	3	9 30 25.401	24 57 26.78	Microscopes
73. 4. 2	3	25.561	26.19	[discordant
75. 4.13	3	25.466	26.03	
76. 3.17	3	25.605	24.28	

5039 6.5 3.4543 −0.0185 −15.946 −0.299 25°2127

74 4.13	3	9 30 40.500	25 13 51.63	
76. 4. 3	3	40.437	51.23	
78. 4. 2	3	40.551	50.99	
78. 4. 2	3	40.671	51.25	
86. 4. 6	7	40.525	51.68	
86. 4. 8	7	40.617	51.08	
86. 4. 9	7	40.480	51.75	+ 1′

5040 9.0 3.4623 −0.0189 −15.964 −0.299 25°2128

73. 4. 2	3	9 31 1.032	25 43 54.84	
74. 4.13	3	1.009	53.30	
76. 3.17	3	1.156	54.37	
76. 4. 3	3	1.030	52.86	

5041 8.3 3.4652 −0.0190 −15.972 −0.299 26°1985

73. 3.24	3	9 31 10.262	25 55 39.24	Z.C. δ $38''.2$
73. 3.25	3	10.183	38.18	
73. 4. 1	3	10.270	37.07	
74. 3. 6	2	10.278	38.69	
74. 4. 8	3	10.167	38.43	
77. 4.14	3	10.310	38.23	
78. 4.12	3	10.147	37.46	
78. 4.12	3	10.207	38.48	

5042	7^m.9	3^s.5123	−0^s.0212	−15″.972	−0″.303	28°1785
73. 3.27		3	$9^h31^m10^s$.342	28° 33′ 59″.98		
73. 4. 7		2	10.663	58.55		clds.
76. 4. 4		2	10.271	60.80		
76. 4. 7		3	10.308	60.02		
77. 3.15		3	10.294	59.45		
86. 4.10		5	10 448	59.93		
86. 4.13		7	10.362	59.20		

5043	9.4	3.5106	−0.0211	−15.977	−0.303	28°1786
78 3.22		3	9 31 16.001	28 28 60.67		bad
78. 4. 6		2	16.208	59.76		
78. 4. 8		3	16.146	61.23		

5044	8.7	3.4857	−0.0200	−15.980	−0.300	27°1790
73. 3.10		3	9 31 19.080	27 6 19.43		
73. 3.14		3	19.268	20.03		
73. 3.28		3	19.257	21.23		
73. 4. 9		3	19.124	20.17		
78. 3.25		3	18.990	18.50		
78. 3.25		3	19.100	19.89		

5045	9.0	3.5291	−0.0221	−15.989	−0.303	29°1924
73. 3.17		3	9 31 29.715	29 30 59.31		
73. 3.26		3	29.762	60.25		
74. 2.24		3	29.715	59.56		
74. 3.19		3	29.861	60.44		
75. 4. 6		3	29.779	59.40		
76. 3.24		3	29.663	59.14		
76. 4. 8		3	29.875	59.86		−5′

5046	9.4	3.4881	−0.0201	−15.998	−0.300	— —
89. 4. 5		7	9 31 39.575	27 17 20.01		
92. 3 18		7	39.680	18.53		v.ft.

5047	9.0	3.4465	−0.0182	−16.004	−0.296	25°2130
73. 3. 7		3	9 31 46.220	24 54 44.22		
73. 4. 2		3	46.498	45.15		
75. 4.13		3	46.414	44.34		

5048	8.8	3.4739	−0.0195	−16.005	−0.298	26°1987
73. 3.24		3	9 31 47.097	26 30 3.57		
74. 4. 8		3	46.963	3.03		
77. 4.14		3	47.093	3.04		
78. 4. 1		3	47.019	3.79		

5049	9.2	3.4868	−0.0201	−16.007	−0.300	27°1791
73. 3.28		3	9 31 49.834	27 13 51.29		
89. 3.22		7	49.861	52.80		

5050	6.9	3.4634	−0.0190	−16.017	−0.297	26°1989
73. 4. 1		3	9 32 1.441	25 55 43.73		
74. 3. 6		1	1.614	44.74		
75. 4.14		3	1.512	44.38		
78. 4. 1		3	1.423	44.53		
78. 4.12		1	1.337	44.19		

5051	9.0	3.5205	−0.0218	−16.056	−0.301	29°1926
73. 3.17		3	9 32 46.107	29 14 2.90		
73. 3.26		3	46.222	2.52		
74. 2.24		3	46.071	1.28		
74. 3.19		3	46.243	2.71		
75. 4. 6		3	46.069	2.42		
76. 3.24		3	46.074	3.20		
76. 4. 8		3	46.075	2.61		

5052	9^m.2	3^s.5138	−0^s.0215	−16″.057	−0″.300	28°1792
73. 3.27		3	$9^h32^m46^s$.273	28° 51′ 55″.44		
76. 4. 4		2	46.254	56.31		
76. 4. 7		3	46.409	55.91		
77. 3.15		3	46.245	55.96		

5053	9.0	3.5119	−0.0214	−16.071	−0.300	28°1793
76. 4. 4		2	9 33 2.651	28 48 8.73		
78. 4. 6		3	2.757	6.08		
78. 4. 8		3	2.755	6.97		

5054	8.2	3.4548	−0.0188	−16.080	−0.294	25°2134
73. 3. 7		3	9 33 13.662	25 35 10.31		Z.C. δ 10″.6
73. 4. 2		3	13.784	12.13		
74. 4.13		3	13.660	10.69		
76. 3.17		3	13.930	10.86		
76. 4. 3		3	13.703	10.31		
78. 4. 2		3	13.681	9.95		
78. 4. 2		2	13.721	9.75		

5055	8.0	3.4714	−0.0196	−16.088	−0.295	26°1990
73. 3.24		3	9 33 22.264	26 34 14.61		
73. 3.25		3	22.195	12.33		
73. 4. 1		3	22.182	12.64		
74. 3. 6		2	22.286	12.86		
74. 4. 8		3	22.290	12.68		
75. 4.14		3	22.293	12.36		
77. 4.14		3	22.116	13.20		

5056	9.0	3.5025	−0.0211	−16.103	−0.298	28°1795
73. 3.27		3	9 33 39.652	28 22 24.38		
76. 4. 7		3	39.716	23.53		
78 3.22		3	39.819	25.67		

5057	8.7	3.4814	−0.0202	−16.110	−0.296	27°1794
73. 3.14		3	9 33 48.058	27 11 48.63		Z.C. α 48^s.08
73. 3.28		3	47.974	47.79		
73. 4. 9		3	48.070	48.73		
78. 4.15		3	47.950	47.43		−10′
86. 4. 6		7	48.233	48.17		+1^s
86. 4. 8		3	48.124	47.75		
86. 4. 9		5	48.124	48.39		

5058	8.9	3.4894	−0 0206	−16.117	−0.296	27°1795
73 3.14		2	9 33 55.666	27 40 7.69		
73. 4. 9		2	55.849	8.79		
78. 3.23		3	55.706	7.92		
86. 4.13		7	55.658	7.59		

5059	8.6	3.5036	−0.0212	−16.138	−0.296	28°1797
73. 3.27		3	9 34 20.139	28 31 20.43		
76. 4. 4		3	20.023	21.94		
76. 4. 7		3	20.171	21.05		
77. 3.15		3	20.082	21.23		
78. 4.15		3	19.917	21.06		
89. 4. 5		6	20.299	20.88		

5060	9.2	3.5026	−0.0212	−16.143	−0.296	— —
77. 3.15		2	9 34 25.163	28 28 48.68		
92. 3.30		7	25.214	47.31		
92. 4. 1		7	25.207	49.64		

5061 7^{m}9 3^{s}5200 −0^{s}0220 −16″143 −0″298 29°1933

73.	3.17	3	$9^{h}34^{m}25^{s}385$	29° 26′ 15″75	
73.	3.26	3	25.499	16.16	
74.	2.24	3	25.552	15.18	
74.	3.19	3	25.651	17.06	
75.	4. 6	3	25.509	15.58	
76.	3.24	3	25.492	16.17	

5062 6.6 3.4674 −0.0195 −16.144 −0.293 26°1991

73.	3.24	3	9 34 26.843	26 28 51.08	
73.	4. 1	3	26.920	49.07	
74.	3. 6	2	26.752	51.28	
74.	4. 8	3	26.782	50.34	
75.	4.14	3	26.949	49.52	
77.	4.14	3	26.850	50.21	
78.	4. 1	3	26.817	50.39	
78.	4.11	3	26.775	50.34	
78.	4.11	3	26.885	49.69	
78.	4.12	3	26.840	50.83	

5063 9.5 3.5278 −0.0224 −16.160 −0.298 30°1896

74.	2.24	3	9 34 45.659	29 55 9.17	
75.	4. 6	3	45.662	11.49	
76.	4. 8	2	45.629	9.22	
78.	4. 8	3	45.765	10.69	

5064 8.4 3.5156 −0.0218 −16.164 −0.297 29°1936

73.	3.17	3	9 34 49.648	29 15 37.61	
73.	3.26	3	49.793	37.76	
74.	3.19	3	49.919	36.55	
85.	3.23	7	49.824	33.97	
85.	3.28	7	49.664	36.29	

5065 7.7 3.4601 −0.0192 −16.182 −0.291 26°1993

73.	3.25	3	9 35 10.441	26 9 30.82	
73.	4. 1	2	10.606	28.07	
74.	4. 8	1	10.626	29.99	
78.	4. 1	3	10.454	30.25	

5066 9.4 3.4366 −0.0183 −16.186 −0.289 24°2119

73.	3. 7	3	9 35 15.604	24 46 59.49	
73.	4. 2	3	15.603	61.47	
74.	4.13	3	15.533	61.14	
75.	4.13	3	15.700	60.52	
78.	4. 2	3	15.480	60.01	

5067 8.5 3.4255 −0.0178 −16.210 −0.287 24°2121

85.	3.30	7	9 35 43.079	24 10 15.43	
86.	3.23	5	43.042	16.32	
86.	4. 3	7	42.974	15.40	

5068 8.6 3.4860 −0.0206 −16.225 −0.292 27°1800

73.	3.14	3	9 36 0.630	27 45 60.18	Z.C. δ 0″0
73.	3.28	3	0.503	60.76	
73.	4. 9	3	0.399	59.94	
78.	3.25	3	0.367	58.71	
78.	3.25	2	0.587	60.51	

5069 9.0 3.4355 −0.0182 −16.231 −0.288 24°2122

73.	3. 7	3	9 36 8.447	24 49 38.06	
73.	4. 2	3	8.615	38.42	
74.	4.13	2	8.436	39.52	

5070 8^{m}6 3^{s}4412 −0^{s}0186 −16″236 −0″288 25°2141

75.	4.13	2	$9^{h}36^{m}14^{s}257$	25° 10′ 34″32	Z.C. δ 34″4
76.	4. 3	3	14.147	33.60	
81.	3.30	3	14.350	33.99	
81.	4. 4	2	14.364	35.67	

5071 8.9 3.4407 −0.0185 −16.238 −0.288 25°2142

75.	4.13	2	9 36 16.197	25 9 28.99	
76.	4. 3	1	16.177	27.15	

5072 9.0 3.4935 −0.0211 −16.256 −0.291 28°1800

73.	3.27	3	9 36 37.431	28 17 0.77	
76.	4. 4	2	37.363	2.91	
76.	4. 7	3	37.519	2.16	

5073 9.2 3.4692 −0.0199 −16.264 −0.289 26°1995

81.	4. 7	3	9 36 46.339	26 54 31.96	
81.	4. 8	3	46.039	30.90	
82.	4. 5	2	46.115	32.39	

5074 8.8 3.4512 −0.0191 −16.271 −0.287 25°2144

83.	4. 6	3	9 36 55.290	25 52 16.45	
86.	4. 6	5	55.275	15.42	
86.	4. 8	2	55.302	15.37	

5075 8.6 3.5119 −0 0220 −16.275 −0.292 29°1939

73.	3.17	3	9 36 59.209	29 22 17.47	
73.	3.26	3	59.292	17.91	
75.	4. 6	3	59.173	17.01	
76.	3.24	3	59.292	17.29	
76.	4. 8	3	59.177	16.98	
78.	4. 8	3	59.240	17.99	

5076 8.9 3.4520 −0.0191 −16.276 −0.287 26°1996

81.	4. 4	3	9 37 1.039	25 55 37.01	
92.	3.24	6	0.984	35.11	
93.	3.20	7	1.222	36.40	

5077 9.0 3.4496 −0.0190 −16.287 −0.287 25°2146

81.	4. 7	3	9 37 13.364	25 48 46.37	
81.	4. 9	2	13.309	45.68	
83.	4. 7	3	13.237	48.58	

5078 9.1 3.4839 −0.0207 −16.301 −0.289 27°1804

78.	4. 6	3	9 37 29.593	27 51 27.65	
78.	4.15	3	29.447	24.66	
82.	4.14	3	29.587	26.41	
83.	4. 6	2	29.701	29.57	

5079 7.4 3.5087 −0.0220 −16.306 −0.291 29°1942

83.	4.10	3	9 37 36.452	29 16 53.37	
83.	4.11	3	36.309	51.92	
84.	3 31	3	36.269	51.31	

5080 9.2 3.4838 −0.0207 −16.313 −0.288 27°1805

82.	4.14	2	9 37 44.316	27 52 59.67	
92.	4. 5	7	44.528	59.76	

5081 7.3 3.4908 −0.0211 −16.323 −0.289 28°1802

73.	3.27	3	9 37 56.129	28 18 54.15	Z.C. δ 55″4
78.	4. 6	3	56.188	54.87	
78.	4. 8	3	56.216	54.09	
83.	4. 7	3	56.183	58.42	

5082	$9^{m}.1$	$3^{s}.5077$	$-0^{s}.0220$	$-16''.324$	$-0''.290$	29°1943
81. 4. 8	3	$9^{h}37^{m}57^{s}.554$	$29^{\circ}16'49''.28$	Z.C. δ $49''.1$		
81. 4. 9	2	57.581	49.72			
83. 4.10	2	57.718	49.10			
85. 3.23	5	57.606	47.58			
85. 3.28	7	57.611	49.78			
5083	7.8	3.4767	−0.0205	−16.361	−0.286	27°1806
81. 4. 4	3	9 38 41.187	27 37 14.58			
84. 3.24	4	41.423	15.29			
88. 3.27	7	41.464	14.33			
5084	8.8	3.4884	−0.0212	−16.377	−0.287	28°1804
78. 4. 6	3	9 38 59.923	28 20 26.45			
78. 4. 8	3	59.879	25.61			
81. 4. 7	3	59.976	25.82			
84. 4. 2	7	59.889	26.27			
5085	9.5	3.4278	−0.0182	−16.399	−0.281	24°2132
94. 3.15	4	9 39 25 603	24 47 51.74	v. ft.		
94. 3.20	6	25.603	55.05	v. ft.		
5086	8.5	3.4726	−0.0204	−16.404	−0.285	27°1808
82. 4.14	3	9 39 32.412	27 29 57.93			
84. 3.24	2	32.468	59.89			
5087	8.4	3.4762	−0.0206	−16.412	−0.284	27°1809
81. 4. 4	3	9 39 41.385	27 44 4.31			
83. 4. 6	3	41.326	5.76			
83. 4. 7	3	41.309	6.55			
5088	9.5	3.4320	−0.0186	−16.441	−0.280	25°2150
94. 3.31	4	9 40 16.381	25 10 34.72	v. ft. -10^{s}		
94. 4. 5	7	16.296	32.27			
94. 4. 7	6	16.424	30.33			
94. 4.10	7	16.060	34.29			
5089	9.3	3.4587	−0.0198	−16.447	−0.282	26°2005
73. 4. 1	3	9 40 23.518	26 48 24.84	Z.C. δ $26''.1$		
74. 4. 8	3	23.404	25.60			
78. 4. 1	1	23.431	26.49			
78. 4.12	3	23.529	27.28			
5090	9.0	3.4728	−0.0206	−16.465	−0.282	27°1811
73. 4. 9	3	9 40 45.437	27 41 29.32			
78. 3.23	2	45.570	27.88			
78. 4.11	3	45.232	27.61			
5091	9.5	3.5035	−0.0222	−16.480	−0.284	29°1947
73. 3.26	3	9 41 3.064	29 30 44.82			
74. 2.24	3	3.161	47.45			
75. 4. 6	3	3.138	46.31			
78. 4. 8	3	3.235	45.26			
78. 4. 8	3	3.195	45.80			
5092	7.7	3.4962	−0.0218	−16.482	−0.283	29°1948
73. 3.17	2	9 41 5.296	29 6 1.64	v. ft. *		
74. 3.19	3	4.865	2.45			
76. 3.24	3	4.772	1.34			
5093	9.1	3.4390	−0.0190	−16.496	−0.278	25°2153
74. 4.13	2	9 41 22.794	25 45 16.08			
75. 4.13	3	22.867	14.67			

5094	$9^{m}.2$	$3^{s}.4397$	$-0^{s}.0190$	$-16''.498$	$-0''.278$	25°2154
74. 4.13	2	$9^{h}41^{m}25^{s}.044$	$25^{\circ}47'40''.47$			
92. 4. 1	7	25.192	42.36			
5095	7.8	3.4283	−0.0185	−16.507	−0.277	25°2155
73. 3. 7	3	9 41 35.881	25 7 33.91			
76. 4. 3	3	35.739	34.18			
78. 4.12	3	35.715	33.95			
5096	8.5	3.5113	−0.0226	−16.513	−0.284	30°1917
73. 3.26	3	9 41 42.446	30 3 35.09			
74. 2.24	2	42.405	35.85			
74. 3.19	3	42.526	34.72			
75. 4. 6	3	42.600	35.37			
5097	9.5	3.4602	−0.0201	−16.513	−0.279	27°1813
73. 3.28	3	9 41 42.495	27 5 12.82			
78. 4.15	3	42.685	12.26			
86. 4. 8	4	43.021	11.25			
86. 4. 9	7	42.748	11.81			
5098	8.6	3.4256	−0.0184	−16.532	−0.276	25°2157
78. 4. 2	3	9 42 5.456	25 1 25.51			
80. 4.16	3	5.581	25.72			
81. 4. 7	3	5.669	25.24			
5099	9.1	3.4857	−0.0214	−16.537	−0.281	28°1810
73. 3.27	3	9 42 11.823	28 39 46.62			
78. 3 22	3	11.643	46.82			
78. 4.15	3	11.681	46.64			
5100	8.9	3.4377	−0.0190	−16.538	−0.277	25°2158
73. 3. 7	3	9 42 12.977	25 47 22.71			
74. 4.13	1	13.137	23.64			
81. 4. 9	3	13.031	22.92			
82. 4. 6	3	12.982	23.89			
82. 4.14	3	13.095	22.65			
5101	8.4	3.4242	−0.0184	−16.547	−0.275	25°2159
85. 3.23	5	9 42 23.537	24 58 50.32			
85. 3.28	5	23.431	52.77			
86. 4. 3	5	23.298	52.14			
5102	9.3	3.4482	−0.0196	−16.547	−0.276	26°2008
81. 4. 8	3	9 42 23.654	26 27 46.95	Z.C. δ $48''.9$		
83. 4. 7	3	23.761	51.28			
83. 4.10	3	24.036	48.36			
5103	9.0	3.4288	−0.0186	−16.552	−0.275	25°2160
85. 3.30	5	9 42 29.771	25 16 55.78	v. ft.		
85. 4. 2	6	29.609	55.98			
87. 4. 7	7	29.883	56.68			
5104	9.0	3.4434	−0.0194	−16.553	−0.276	26°2009
93. 3.20	6	9 42 30.560	26 10 58.65			
93. 3.21	6	30.547	57.48			
5105	9.5	3.4411	−0.0192	−16.556	−0.276	26°2010
73. 3.25	3	9 42 34.578	26 3 27.53	Z.C. δ $27''.1$		
73. 4. 1	2	34.507	27.62			
74. 4. 8	3	34.447	27.58			
81. 3.30	3	34.779	25.42			
81. 4. 1	3	34.766	25.83			
81. 4. 4	3	34.769	28.38			

5106 $9^{m}.2$ $3^{s}.4393$ $-0^{s}.0192$ $-16''.556$ $-0''.276$ — —

80. 4.12	2	$9^{h}42^{m}34^{s}.736$	$25^{\circ}56'50''.01$	
92. 3.24	6	34.949	48.95	
92. 4. 5	5	35.121	49.21	

5107 8.6 3.4395 −0.0192 −16.568 −0.275 26°2013

73. 3.24	3	9 42 49.778	25 59 25.00	Z.C. α $49^{s}.81$
78. 4. 1	3	49.660	24.29	
78. 4.12	3	49.766	24.68	
78. 4.18	3	49.857	24.49	w. $3-1^{s}$
80. 4.12	2	49.800	24.95	
83. 4. 6	3	49.984	25.32	

5108 8.9 3.4628 −0.0204 −16.574 −0.277 27°1814

73. 3.28	3	9 42 56.420	27 25 6.07	
73. 4. 9	3	56.628	5.99	
78. 3.23	3	56.602	6.05	
78. 4.11	3	56.510	6.15	

5109 7.0 3.4252 −0.0185 −16.580 −0.274 25°2163

76. 4. 3	3	9 43 4.146	25 8 31.88	
78. 4. 2	3	4.131	31.70	
85. 4.13	6	4.054	31.09	
85. 4.17	7	4.118	31.45	

5110 8.9 3.4477 −0.0196 −16.585 −0.275 26°2014

78. 4.18	2	9 43 10.008	26 32 31.01	ex. ft.
79. 4.18	3	9.844	28.97	
86. 3.31	5	10.095	30.40	

5111 9.0 3.4487 −0.0197 −16.593 −0.275 26°2015

73. 3.25	3	9 43 19.553	26 37 22.99	c. d. m.
73. 4. 1	3	19.565	24.34	c. d. m.
78. 4. 1	2	19.585	22.55	
85. 4.18	7	19.638	23.39	

5112 9.0 3.4958 −0.0222 −16.626 −0.278 29°1954

76. 3.24	3	9 43 59.608	29 32 2.22	
81. 4. 7	3	59.873	1.39	
82. 4.14	3	59.666	1.09	

5113 9.0 3.4316 −0.0190 −16.632 −0.273 25°2164

82. 4. 5	3	9 44 8.062	25 41 35.15	
82. 4. 6	3	7.826	35.32	
83. 4. 7	3	7.991	37.65	
83. 4.10	3	7.925	36.44	
84. 4.18	3	8.112	35.40	
84. 4.21	5	8.108	36.83	

5114 8.8 3.4289 −0.0188 −16.637 −0.272 25°2165

83. 4.10	2	9 44 14.737	25 32 33.01	
83. 4.11	3	14.586	32.39	
83. 4.17	3	14.472	31.63	
84. 3.31	4	14.616	31.14	
84. 4. 2	4	14.386	32.49	

5115 8.5 3.4716 −0.0210 −16.640 −0.275 28°1814

83. 4. 6	3	9 44 18.045	28 9 26.69	−10′
84. 3.24	4	18.014	26.20	
84. 4. 5	4	17.995	23.74	
85. 3.23	5	18.234	22.50	−1′
85. 3.28	5	18.089	25.52	

5116 $9^{m}.0$ $3^{s}.4266$ $-0^{s}.0187$ $-16''.645$ $-0''.272$ 25°2166

82. 4. 5	2	$9^{h}44^{m}24^{s}.246$	$25^{\circ}24'48''.10$	
86. 3.23	5	24.044	47.67	
88. 3.27	5	24.272	47.94	v. ft.

5117 9.0 3.4243 −0.0186 −16.652 −0.271 25°2168

86. 4. 3	5	9 44 32.224	25 17 37.59	
92. 3.30	7	31.985	37.23	
92. 4. 5	2	32.011	37.78	$+5^{m}$

5118 8.6 3.4501 −0.0199 −16.654 −0.273 26°2017

78. 4.12	3	9 44 34.195	26 53 49.67	Z.C. δ $49''.2$
81. 4. 1	3	34.184	48.76	

5119 5.8 3.4188 −0.0184 −16.664 −0.270 25°2169

84. 3.24	2	9 44 47.138	24 59 8.80	Z.C. δ $7''.6$
84. 4. 9	3	47.178	6.82	
84. 4.22	3	47.188	7.16	

5120 8.6 3.4989 −0.0225 −16.667 −0.277 29°1956

85. 3.30	7	9 44 50.920	29 51 3.45	
85. 4. 2	7	50.825	3.21	
86. 4.13	5	51.027	3.67	

5121 (8.8) 3.4589 −0.0204 −16.672 −0.273 27°1818

78. 4.15	3	9 44 57.566	27 29 27.18	
92. 3.31	5	57.630	26.88	

Variable: see A. N. 4218

5122 7.9 3.4293 −0.0190 −16.681 −0.271 25°2170

82. 4.14	3	9 45 8.157	25 41 36.05	
84. 4. 2	4	7.996	37.47	

Z.C. δ $25^{\circ}41'36''.8$

5123 9.0 3.4862 −0.0218 −16.682 −0.275 29°1958

81. 4. 7	3	9 45 8.824	29 9 9.73	
85. 4.13	7	8.581	9.09	

5124 8.0 3.4595 −0.0205 −16.686 −0.273 27°1819

78. 4.18	3	9 45 14.552	27 34 20.25	c. d. m.
82. 4. 6	3	14.299	19.52	
83. 4. 6	3	14.623	21.48	

5125 9.1 3.4393 −0.0195 −16.687 −0.271 26°2018

78. 4.12	3	9 45 15.259	26 20 4.75	ft.
83. 4.17	3	15.263	4.66	

5126 7.4 3.4724 −0.0212 −16.688 −0.274 28°1815

84. 4. 5	5	9 45 16.364	28 21 33.71	
84. 4.18	5	16.418	33.88	
84. 4.24	7	16.420	35.02	

5127 9.5 3.4252 −0.0188 −16.688 −0.270 25°2171

83. 4. 7	2	9 45 17.057	25 27 39.25	†

5128 9.0 3.4927 −0.0222 −16.697 −0.275 29°1959

86. 3.31	5	9 45 28.030	29 35 23.60	
92. 4. 1	7	28.033	24.07	

5129 9.0 3.4953 −0.0224 −16.702 −0.275 29°1961

93. 3.20	7	9 45 33.838	29 45 19.17	
93. 3.21	6	33.996	17.59	

5130 Fundamental Star 26°2019

5131 $8^m.9$ $3^s.4934$ $-0^s.0224$ $-16''.743$ $-0''.273$ 29°1963

81. 4. 7	3	$9^h 46^m 24^s.888$	$29° 46' 57''.44$	
82. 4. 5	3	24.848	57.85	+ 5′
82. 4.14	3	24.806	58.23	
83. 4. 6	3	24.736	58.06	
84. 4.18	2	24.806	58.31	

5132 7.2 3.4350 −0.0194 −16.746 −0.268 26°2021

84. 3.24	2	9 46 28.909	26 15 21.62	
84. 3.31	5	29.012	19.98	
84. 4. 2	2	28.851	20.08	
85. 3.23	5	28.917	18.09	
85. 3.28	5	28.988	20.35	

5133 8.7 3.4416 −0.0198 −16.751 −0.269 26°2022

83. 4.17	3	9 46 34.453	26 40 46.74	
86. 4. 3	7	34.780	44.96	
92. 3.23	7	34.714	44.53	
92. 3.24	7	34.923	44.07	
92. 3.31	6	34.619	45.76	

5134 9.0 3.4445 −0.0199 −16.758 −0.269 26°2023

74. 4. 8	2	9 46 43.484	26 52 45.92	
86. 3.25	7	43.476	45.59	

5135 8.3 3.4926 −0.0224 −16.761 −0.272 29°1964

83. 4.11	3	9 46 47.752	29 48 3.89	ft. Z.C. δ $3''.7$
84. 4. 5	4	47.659	3.45	+ 1^m

5136 7.3 3.4672 −0.0211 −16.761 −0.271 28°1816

76. 4. 4	2	9 46 47.791	28 16 60.16	
78. 4.15	1	47.922	59.53	
83. 4. 7	3	47.700	61.39	

5137 8.8 3.4604 −0.0208 −16.763 −0.270 27°1821

78. 4.15	3	9 46 50.192	27 52 44.28	
78. 4.18	3	50.332	44.76	
86. 4.13	7	50.169	43.96	v. ft.

5138 9.0 3.4800 −0.0217 −16.765 −0.271 29°1966

78. 4. 8	3	9 46 52.601	29 3 57.57	Z.C. δ $57''.3$
81. 4. 1	3	52.672	57.35	
86. 3.31	5	52.783	57.05	

5139 9.1 3.4423 −0.0198 −16.775 −0.268 26°2024

73. 4. 1	2	9 47 5.161	26 47 48.49	Z.C. δ $48''.5$
78. 4.18	3	5.082	49.56	
79. 4.18	2	5.290	47.19	
81. 4. 1	2	5.235	48.85	

5140 8.0 3.4821 −0.0220 −16.790 −0.270 29°1969

73. 3.26	3	9 47 23.915	29 16 35.67	Z.C. α $23^s.94$
76. 3.24	3	23.854	35.84	
76. 4. 8	3	23.966	34.85	
80. 4.16	3	24.059	35.61	+ 5′
81. 4. 7	2	23.906	35.57	cld.

5141 8.9 3.4596 −0.0209 −16.797 −0.269 28°1818

73. 3.27	3	9 47 33.037	27 56 28.87	
76. 4. 7	3	32.947	28.45	
78. 3.22	1	33.151	30.97	

5142 $8^m.9$ $3^s.4869$ $-0^s.0222$ $-16''.804$ $-0''.270$ 29°1970

85. 3.30	5	$9^h 47^m 40^s.980$	$29° 36' 37''.53$	
85. 4. 2	7	40.853	38.03	
87. 4. 7	7	40.911	39.41	ft.
89. 4. 5	7	40.776	38.44	

5143 7.4 3.4154 −0.0186 −16.819 −0.264 25°2178

74. 4.13	3	9 48 0.470	25 13 52.18	− 5′
75. 4.13	3	0.188	52.42	
78. 4.12	3	0.452	50.97	
83. 4. 7	3	0.244	54.11	
85. 3.23	5	0.556	48.01	
85. 3.28	5	0.543	50.55	
85. 4.13	7	0.460	50.53	

5144 8.6 3.4230 −0.0190 −16.847 −0.264 25°2180

78. 4.12	3	9 48 35.691	25 48 22.40	
80. 4.12	3	35.973	22.65	
80. 4.16	2	35.887	22.00	
83. 4.10	3	36.026	22.60	

5145 8.1 3.4485 −0.0204 −16.852 −0.265 27°1824

73. 3.28	3	9 48 42.153	27 26 31.55	
73. 4. 9	3	42.177	31.77	
78. 3.23	3	42.124	31.86	
78. 4.15	3	42.058	31.32	

5146 9.1 3.4850 −0.0223 −16.859 −0.268 29°1971

73. 3.26	3	9 48 50.276	29 41 22.74	
74. 2.24	3	50.155	21.07	
74. 3.19	3	50.209	22.08	
75. 4. 6	3	49.960	21.43	
76. 3.24	3	50.059	19.93	
76. 4. 8	3	50.162	20.54	

5147 8.0 3.4343 −0.0197 −16.865 −0.264 26°2026

73. 3.24	3	9 48 58.070	26 35 26.97	
73. 3.25	3	57.989	26.01	
73. 4. 1	3	57.978	24.58	
74. 4. 8	3	58.056	25.58	
75. 4.14	3	57.980	24.42	
77. 4.14	3	58.111	25.37	
78. 4.11	3	58.017	24.63	
79. 4.18	3	58.099	25.56	

5148 8.6 3.4138 −0.0186 −16.878 −0.262 25°2182

74. 4.13	3	9 49 14.591	25 14 47.17	
81. 4. 1	3	14.702	47.19	
81. 4. 9	3	14.864	47.13	

5149 8.7 3.4137 −0.0186 −16.880 −0.262 25°2183

74. 4.13	1	9 49 16.741	25 18 59.80	
75. 4.13	3	16.762	60.36	
78. 4. 2	3	16.766	59.74	

5150 8.5 3.4179 −0.0189 −16.897 −0.261 25°2184

80. 4.12	3	9 49 39.288	25 38 48.29	
81. 4. 4	3	39.161	48.37	
81. 4. 9	3	39.404	49.40	
83. 4.10	3	39.356	49.14	

5151 8.0 3.4662 −0.0214 −16.901 −0.265 28°1822

73. 3.27	3	9 49 44.048	28 41 24.84	
76. 4. 4	3	43.832	25.78	
77. 3.15	3	43.883	24.77	
78. 4.15	3	43.911	26.29	

5152	$9^m.0$	$3^s.4820$	$-0^s.0223$	$-16''.901$	$-0''.266$	29°1973
73.	3.26	3	$9^h49^m44^s.056$	29° 39′ 23″.87		
74.	3.19	3	44.023	24.30		
75.	4. 6	3	44.016	23.82		
76.	3.24	2	43.809	24.05	$+0^s.5$	
78.	4. 8	3	43.856	23.85		
78.	4. 8	2	44.116	24.14		
5153	9.0	3.4717	−0.0217	−16.902	−0.266	29°1974
74.	2.24	3	9 49 45.536	29 2 13.63		
76.	4. 8	2	45.557	12.82		
85.	3.30	5	45.488	11.92		
5154	8.5	3.4164	−0.0189	−16.904	−0.261	25°2185
78.	4. 2	3	9 49 47.286	25 34 12.88		
81.	4. 4	3	47.351	12.02		
81.	4. 7	3	47.328	12.33	clds. ft.	
83.	4. 6	3	47.442	14.10		
5155	8.8	3.4569	−0.0211	−16.913	−0.263	28°1823
73.	3.27	3	9 49 59.516	28 10 5.35		
76.	4. 4	2	59.397	6.78		
77.	3.15	3	59.397	6.15		
93.	3.20	7	59.671	8.52		
93.	3.21	7	59.476	6.91		
5156	7.5	3.4728	−0.0218	−16.916	−0.265	29°1975
74.	3.19	2	9 50 2.664	29 9 13.17		
82.	4. 5	3	2.599	13.96		
5157	9.0	3.4814	−0.0223	−16.922	−0.266	29°1976
74.	2.24	2	9 50 10.690	29 41 49.07		
75.	4. 6	3	10.715	51.07		
80.	4.12	3	10.704	50.24		
81.	3.30	3	10.826	48.85		
81.	4. 1	3	10.765	50.86		
5158	8.4	3.4824	−0.0224	−16.925	−0.265	29°1977
73.	3.26	3	9 50 14.393	29 45 55.17	Z.C. δ 55″.4	
80.	4.16	3	14.272	55.43		
81.	4. 8	3	14.388	55.16		
81.	4. 9	1	14.278	55.33		
82.	4. 6	3	14.275	55.93		
5159	8.0	3.4126	−0.0187	−16.926	−0.260	25°2186
78.	4.12	3	9 50 16.088	25 23 23.57		
81.	4. 7	3	16.014	24.06		
82.	4. 5	2	15.902	23.86		
5160	9.2	3.4356	−0.0199	−16.929	−0.262	26°2028
73.	3.24	3	9 50 19.903	26 52 59.24		
73.	3.25	3	19.812	59.00		
73.	4. 1	3	20.030	57.68		
74.	4. 8	3	19.885	59.00		
75.	4.14	3	19.878	58.34		
77.	4.14	3	20.096	58.72		
78.	4.11	3	19.999	58.92		
86.	4. 6	5	20.161	59.63		
86.	4. 8	4	20.140	58.65		
86.	4. 9	5	20.046	58.78		
5161	9.0	3.4868	−0.0227	−16.939	−0.265	30°1936
85.	4. 2	7	9 50 33.007	30 5 2.28		
85.	4.13	5	33.069	2.34		
85.	4.21	6	33.039	3.01		
5162	$9^m.2$	$3^s.4252$	$-0^s.0194$	$-16''.943$	$-0''.260$	26°2029
74.	4. 8	3	$9^h50^m37^s.355$	26° 15′ 52″.81		
78.	4.12	3	37.504	53.15		
78.	4.18	3	37.425	53.52		
79.	4.18	3	37.511	51.73		
5163	8.3	3.4088	−0.0186	−16.947	−0.259	25°2189
75.	4.13	3	9 50 43.073	25 12 38.22		
83.	4. 6	3	43.196	39.62		
83.	4. 7	3	43.008	41.64		
83.	4.10	3	43.169	37.70		
5164	9.3	3.4365	−0.0200	−16.957	−0.260	27°1832
73.	3.28	3	9 50 55.344	27 2 12.27		
73.	4. 9	3	55.316	12.16		
5165	8.7	3.4702	−0.0219	−16.968	−0.263	29°1979
74.	3.19	2	9 51 9.198	29 10 37.64		
76.	3.24	2	9.171	37.72		
76.	4. 8	2	9.150	36.33		
81.	4. 8	3	9.084	36.81		
5166	9.1	3.4842	−0.0227	−16.969	−0.264	30°1939
81.	3.30	3	9 51 10.808	30 2 17.04	− 1 int.	
81.	4. 1	1	10.925	16.68	bad	
81.	4. 7	2	11.000	19.27	Z.C. δ 17″.7	
5167	8.8	3.4684	−0.0218	−16.972	−0.262	29°1980
80.	4.12	2	9 51 14.760	29 5 4.58		
80.	4.16	2	14.835	5.14		
83.	4. 7	3	14.707	7.19		
5168	8.1	3.4855	−0.0227	−16.973	−0.264	30°1940
85.	4.17	7	9 51 15.737	30 7 47.76		
85.	4.18	7	15.775	47.22		
85.	4.20	7	15.721	47.59		
5169	6.5	3.4565	−0.0212	−16.974	−0.261	28°1824
76.	4. 4	3	9 51 16.738	28 21 18.36		
76.	4. 7	3	16.665	17.06		
77.	4.16	3	16.932	16.26		
86.	4.13	7	16.795	16.09		
5170	9.5	3.4489	−0.0216	−16.986	−0.260	28°1825
73.	3.27	3	9 51 33.517	27 54 58.11		
78.	3.22	2	33.183	61.99	v. ft.	
78.	4.15	3	33.312	59.68		
5171	8.5	3.4028	−0.0184	−17.001	−0.256	25°2190
74.	4.13	3	9 51 51.940	24 59 42.80		
75.	4.13	3	51.851	42.44		
78.	4. 2	3	51.926	42.65		
5172	9.5	3.4335	−0.0200	−17.007	−0.258	27°1834
73.	3.28	3	9 51 59.435	27 1 18.60		
73.	4. 9	3	59.523	20.41	− 1 int.	
78.	4.11	3	59.494	19.18		
92.	4. 5	3	59.565	18.29	− 1 int.	
5173	7.9	3.4505	−0.0210	−17.014	−0.259	28°1826
73.	3.27	3	9 52 9.544	28 7 17.84		
76.	4. 7	3	9.341	17.57		
77.	3.15	3	9.316	17.31		
77.	3.15	3	9.516	17.65		
77.	4.16	3	9.385	17.40		

5174	$8^{m}.7$	$3^{s}.4186$	$-0^{s}.0193$	$-17''.019$	$-0''.257$	26°2030
73.	3.24	3	$9^{h}52^{m}16^{s}.152$		$26^{\circ}\ 5'\ 27''.43$	
73.	4. 1	3	16.036		24.86	
75.	4.14	3	16.063		26.58	
77.	4.14	2	16.079		26.76	
78.	4.11	3	16.221		27.39	
79.	4.18	3	16.193		26.25	
86.	4. 6	7	16.171		28.56	
86.	4. 8	1	16.556		25.00	cld.
86.	4. 9	7	16.161		26.87	
5175	6.0	3.4842	−0.0228	−17.025	−0.262	30°1946
85.	3.30	5	9 52 23.480		30 14 33.59	
85.	4. 2	4	23.441		34.03	
85.	4.13	6	23.313		34.80	
5176	9.0	3.4727	−0.0222	−17.028	−0.260	29°1983
73.	3.26	3	9 52 27.827		29 33 27.65	
74.	2.24	3	27.841		27.92	
74.	3.19	3	27.866		26.52	
75.	4. 6	3	27.808		26.86	
5177	8.4	3.4283	−0.0198	−17.032	−0.257	26°2031
73.	3.24	3	9 52 32.520		26 45 61.38	
73.	3.25	3	32.439		59.58	
75.	4.14	3	32.514		58.91	
78.	3.30	3	32.574		59.70	+5′
78.	4.12	3	32.575		60.27	
78.	4.18	3	32.576		60.13	
5178	8.9	3.4782	−0.0225	−17.035	−0.260	30°1947
75.	4. 6	3	9 52 36.774		29 54 53.25	
76.	4. 8	3	36.753		52.36	
85.	4.21	7	36.724		52.86	
5179	7.5	3.4026	−0.0185	−17.053	−0.254	25°2191
78.	4. 2	3	9 52 59.949		25 9 4.71	Z.C. δ $5''.0$
80.	4.12	3	59.929		5.12	
80.	4.16	2	60.051		4.69	
83.	4.10	3	59.998		5.40	
5180	7.9	3.4573	−0.0215	−17.076	−0.257	28°1827
73.	3.27	3	9 53 29.940		28 46 34.36	
76.	4. 4	3	29.860		35.66	
76.	4. 7	3	29.799		35.48	
77.	4.16	3	29.914		36.03	
78.	4.15	3	29.886		35.75	
86.	4. 3	7	29.798		33.43	
5181	9.5	3.3953	−0.0182	−17.085	−0.252	24°2164
74.	4.13	3	9 53 42.127		24 46 38.56	
75.	4.13	3	41.994		38.24	
78.	4. 2	3	41.968		38.65	
5182	7.2	3.4653	−0.0221	−17.104	−0.256	29°1986
73.	3.26	3	9 54 6.928		29 22 59.50	
74.	3.19	3	6.926		60.11	
76.	3.24	3	6.803		60.27	
76.	4. 8	3	6.764		60.06	
86.	4.13	7	6.940		59.67	v. ft.
5183	8.5	3.4610	−0.0219	−17.117	−0.255	29°1987
74.	2.24	3	9 54 23.606		29 9 54.34	
75.	4. 6	2	23.706		55.18	
5184	$8^{m}.5$	$3^{s}.4600$	$-0^{s}.0218$	$-17''.121$	$-0''.255$	29°1988
73.	3.21	3	$9^{h}54^{m}28^{s}.956$		$29^{\circ}\ 7'\ 13''.86$	
73.	3.26	3	28.610		13.51	
74.	2.24	3	28.725		15.17	
74.	3.19	2	28.795		14.04	
75.	4. 6	2	28.652		14.88	
80.	4.12	3	28.781		13.63	
80.	4.16	3	28.667		14.63	
81.	4. 7	3	28.707		13.22	
81.	4. 7	2	28.677		14.21	
83.	4.10	3	28.821		14.16	
5185	9.1	3.3885	−0.0180	−17.127	−0.250	24°2166
85.	3.30	7	9 54 36.885		24 26 55.81	
85.	4. 2	5	36.924		55.94	
85.	4.13	6	36.780		55.97	
5186	9.5	3.4153	−0.0194	−17.132	−0.252	— —
73.	3.25	3	9 54 43.102		26 16 28.06	†
5187	9.4	3.3970	−0.0184	−17.138	−0.250	25°2194
74.	4.13	3	9 54 51.718		25 4 11.41	
75.	4.13	3	51.584		10.85	
78.	4. 2	3	51.651		11.58	
5188	9.5	3.4242	−0.0200	−17.155	−0.252	27°1837
73.	4. 9	3	9 55 13.679		26 56 55.81	v. ft.
78.	4.11	3	13.842		56.02	
78.	4.15	3	13.623		56.35	
5189	8.7	3.4082	−0.0192	−17.157	−0.252	25°2195
74.	4.13	1	9 55 17.002		25 53 32.41	
78.	4. 2	2	16.932		32.95	
5190	9.5	3.4278	−0.0202	−17.180	−0.251	27°1839
73.	3.28	3	9 55 46.442		27 16 19.06	
73.	4. 9	2	46.238		16.42	
78.	4.11	3	46.350		15.90	
5191	9.3	3.4115	−0.0194	−17.207	−0.248	26°2036
73.	3.24	3	9 56 22.799		26 17 34.36	Z.C. δ $33''.0$
73.	3.25	3	22.727		33.46	
73.	4. 1	3	22.652		32.62	
75.	4.14	3	22.757		33.49	
77.	4.14	3	22.863		32.48	
78.	3.30	3	22.854		32.28	
79.	4.18	2	22.939		32.49	
5192	9.3	3.4122	−0.0195	−17.210	−0.248	26°2037
73.	3.24	2	9 56 27.489		26 21 5.89	
78.	4.11	2	27.333		4.60	
78.	4.12	3	27.294		5.03	
78.	4.18	3	27.323		3.77	
5193	9.0	3.4497	−0.0216	−17.216	−0.251	28°1833
73.	3.27	3	9 56 35.170		28 50 2.59	Z.C. δ $4''.5$
76.	4. 4	3	35.206		5.30	
76.	4. 7	3	35.258		5.42	
77.	3.15	3	35.044		4.32	
77.	3.15	2	35.164		4.67	
77.	4.16	3	35.272		4.66	

5194	9^m5	3^s4366	-0^s0208	$-17''233$	$-0''249$	28°1834
	76. 4. 4	2	$9^h56^m57^s485$	$28^\circ\ 3'\ 8''30$		
	78. 3.22	3	57.662	8.56		v. ft.
	78. 4.15	3	57.522	9.12		
5195	9.5	3.4073	−0.0193	−17.241	−0.247	26°2039
	85. 4.13	7	9 57 7.994	26 7 57.86		
	85. 4.17	7	7.924	58.19		
	85. 4.18	5	8.015	58.02		
5196	8.8	3.4026	−0.0190	−17.243	−0.247	25°2197
	73. 4 21	3	9 57 10.800	25 49 42.16		
	74. 4.13	2	10.877	42.27		
	75. 4.13	3	10.967	43.17		
	78. 4. 2	3	10.963	42.00		
5197	9.5	3.4130	−0.0196	−17.252	−0.247	26°2040
	73. 4. 1	3	9 57 23.396	26 33 49.51		
	77. 4.14	3	23.319	50.63		ex. ft.
	78. 4.12	3	23.283	52.34		
	80. 4.12	3	23.402	51.13		
	83. 4.10	3	23.491	50.87		
5198	7.6	3.4415	−0.0212	−17.253	−0.249	28°1835
	73. 3.27	3	9 57 25.046	28 27 2.77		
	76. 4. 7	3	25.112	4.14		
	77. 4.16	1	24.993	5.51		-10^s
	78. 3.22	2	25.093	7.95		
	86. 4. 3	7	24.928	4.84		
5199	8.1	3.4022	−0.0191	−17.254	−0.246	25°2198
	73. 4.21	3	9 57 26.287	25 50 8.16		
	74. 4 13	2	26.005	7.72		
	75. 4.13	3	25.957	8.41		
	78. 4. 2	3	26.141	7.31		
5200	9.5	3.4288	−0.0205	−17.256	−0.247	27°1842
	73. 3.28	3	9 57 28.180	27 37 44.70		
	73. 4. 9	3	28.013	43.78		
	78. 4.15	3	28.119	43.50		
5201	8.5	3.3926	−0.0186	−17.295	−0.243	25°2199
	73. 4.21	2	9 58 21.249	25 19 32.73		
	74. 4.13	1	21.269	32.68		
	75. 4.13	2	21.173	33.65		
5202	8.7	3.4185	−0.0201	−17.296	−0.245	27°1844
	73. 3.28	3	9 58 22.513	27 5 47.22		
	73. 4. 9	2	22.907	48.22		
	78. 4.11	3	22.677	46.44		
5203	8.4	3.3939	−0.0187	−17.297	−0.243	25°2200
	74. 4.23	3	9 58 24.265	25 25 40.89		
	78. 4. 2	2	24.204	41.85		
	78. 4.12	3	24.222	41.71		
5204	8.4	3.4522	−0.0220	−17.301	−0.247	29°1990
	73. 3.21	3	9 58 29.990	29 19 46.99		
	73. 3.26	3	29.953	46.31		
	74. 2.24	3	30.007	47.36		B − 5″
	74. 3.19	3	30.047	46.63		
	76. 4. 8	3	29.843	47.61		
5205	8^m8	3^s4507	-0^s0219	$-17''304$	$-0''247$	29°1991
	74. 3.19	3	$9^h58^m32^s928$	$29^\circ\ 14'\ 37''91$		
	75. 4. 6	3	32.819	39.37		
	76. 4. 8	2	32.736	38.15		
5206	9.4	3.4618	−0.0226	−17.317	−0.247	30°1958
	93. 3.21	7	9 58 50.246	30 1 12.89		
	93. 3 22	3	50.287	16.47		
5207	9.0	3.4080	−0.0196	−17.319	−0.242	26°2042
	73. 3 24	3	9 58 53.557	26 28 25.49		
	73. 3.25	3	53.436	24.65		
	73. 4. 1	3	53.549	23.21		
	75. 4.14	3	53.397	22.92		
	77. 4.14	3	53.526	24.00		
5208	9.4	3.4469	−0.0218	−17.339	−0.245	29°1994
	75. 4. 6	3	9 59 21.171	29 8 50.11		
	80. 4.12	3	21.199	49.31		
	83. 4. 6	3	21.535	52.21		
5209	9.0	3.4349	−0.0211	−17.341	−0 244	28°1838
	73. 3.27	3	9 59 23.155	28 22 17.13		
	76. 4. 4	3	23.188	19.26		
	76. 4. 7	3	23.245	18.71		
	78. 4.15	3	23.135	19.17		
5210	9.2	3.4020	−0.0193	−17.348	−0.241	26°2045
	73. 3.24	3	9 59 32.917	26 10 28.24		
	73. 3.25	3	32.957	26.46		
	73. 4. 1	3	32.969	25.14		
	75. 4.14	3	32.908	25.76		
	77. 4.14	1	33.111	25.81		bad
5211	8.9	3.4515	−0.0222	−17.358	−0.245	29°1998
	74. 2.24	3	9 59 46.980	29 31 43.61		
	74. 3.19	1	47.468	43.74		
	81. 4. 1	3	47.118	42.35		
	83. 4. 7	3	47.039	46.52		
	83. 4.10	3	47.366	42.59		
5212	9.2	3.3875	−0.0186	−17.359	−0.240	25°2201
	73. 3. 4	2	9 59 48.735	25 12 53.82		
	73. 4.21	3	48.520	53.82		
	75. 4.13	3	48.424	53.88		
	85. 4.21	5	48.488	53.52		
	88. 4.18	7	48.527	53.54		
5213	9.0	3.4447	−0.0218	−17.360	−0.244	29°1999
	73. 3.26	3	9 59 50.237	29 6 5.23		
	74. 2.24	2	50.263	5.20		
	76. 4. 8	3	50.231	5.29		
	80. 4.12	3	50.200	5.89		ex. ft.
	83. 4. 6	3	50.031	5.89		
5214	6.8	3.4602	−0.0227	−17.366	−0.245	30°1961
	85. 4. 2	7	9 59 58.058	30 7 18.61		
	85. 4.13	7	58.024	18.72		
	85. 4.17	7	58.055	19.37		
5215	8.6	3.4593	−0.0226	−17.368	−0.245	30°1962
	85. 4.18	7	10 0 0.682	30 4 8.18		
	85. 4.20	7	0.747	8.92		

5216 $8^{\mathrm{m}}.0$ $3^{\mathrm{s}}.4556$ $-0^{\mathrm{s}}.0224$ $-17''.371$ $-0''.245$ 29°2000

73. 3.21	2	10^{h}	0^{m}	$4^{\mathrm{s}}.580$	29°	50′	$40''.68$	
73. 3.26	2			4.704			41.44	
73. 4.23	3			4.610			40.70	
75. 4. 6	3			4.820			42.00	

5217 8.4 3.4196 −0.0204 −17.379 −0.241 27°1847

73. 3.28	3	10	0	15.523	27	30	22.85	
73. 4. 9	3			15.683			22.86	
78. 3.23	3			15.707			22.60	§
78. 4.15	3			15.772			23.98	

5218 7.8 3.4176 −0.0203 −17.384 −0.241 27°1848

73. 3.28	2	10	0	22.428	27	23	35.02	
78. 4.18	3			22.556			34.06	

5219 8.8 3.4364 −0.0214 −17.386 −0.242 28°1841

73. 3.27	3	10	0	25.860	28	39	29.36	
76. 4. 4	3			25.679			32.02	
76. 4. 7	3			25 669			30.86	
77. 4.16	3			25.962			31.05	

5220 8.9 3.4149 −0.0202 −17.401 −0 240 27°1850

78. 4.15	3	10	0	46.266	27	16	38.99	Z.C. δ $38''.7$
81. 4. 4	3			46.328			39.04	
83. 4.14	3			46.123			38.02	

5221 8.8 3.4121 −0.0201 −17.404 −0.239 27°1851

78. 4.18	3	10	0	50.250	27	5	42.57	ft.
83. 4. 7	3			50.107			46.17	
84. 4. 5	7			50.207			41.48	

5222 9.1 3.4460 −0.0221 −17.406 −0.242 29°2001

87. 4.19	7	10	0	53.430	29	22	42.80	
92. 4. 4	7			53.580			43.37	

5223 8.0 3.4160 −0.0203 −17.414 −0.239 27°1852

73. 3.28	1	10	1	4.451	27	24	26.75	
73. 4. 9	2			4.234			26.79	
84. 3.31	3			4.232			24.79	§

5224 9.4 3.3939 −0.0191 −17.427 −0.237 26°2049

73. 3.24	2	10	1	21.558	25	55	63.37	
73. 3.25	3			21.717			61.87	
73. 4. 1	3			21.678			59.17	
75. 4.14	3			21.578			60.59	

5225 7.4 3.3794 −0.0183 −17.431 −0.236 25°2203

73. 3. 4	3	10	1	27.511	24	55	8.41	
73. 4.21	3			27.468			8.73	
74. 4.13	3			27.514			8.54	-10^{s}
74. 4.23	3			27.359			8.82	
75. 4.13	3			27.345			9.65	
78. 4.12	3			27.345			9.22	

5226 8.7 3.3810 −0.0183 −17.437 −0.236 25°2204

74. 4.13	2	10	1	36.644	25	3	39.32	
78. 4. 2	3			36.472			39.22	
78. 4. 2	2			36.512			39.98	
83. 4. 6	3			36.696			38.82	

5227 $8^{\mathrm{m}}.6$ $3^{\mathrm{s}}.3952$ $-0^{\mathrm{s}}.0192$ $-17''.456$ $-0''.236$ 26°2051

73. 3.24	3	10^{h}	2^{m}	$2^{\mathrm{s}}.025$	26°	7′	$50''.91$	
73. 4. 1	3			1.865			48.71	
75. 4.14	3			1.828			49.48	
77. 4.14	1			2.126			48.69	
79. 4.18	1			1.946			48.67	

5228 8.7 3.4303 −0.0213 −17.468 −0.238 28°1844

73. 3.27	3	10	2	19.050	28	35	38.32	Z.C. δ $38''.9$
76. 4. 4	3			18.887			39.35	
76. 4. 7	3			19.020			38.44	
77. 4.16	3			19.222			39.43	

5229 8.6 3.3807 −0.0184 −17.469 −0.234 25°2206

73. 4.21	3	10	2	20.303	25	9	34.05	
73. 3. 4	3			20.438			32.81	
74. 4.23	3			20.231			34.13	
78. 4.12	3			20.372			34.10	-1^{m}

5230 8.0 3.4163 −0.0206 −17.472 −0.237 27°1853

78. 4.11	3	10	2	25.133	27	39	58.11	
78. 4.15	3			25.124			58.53	
78. 4.18	3			25.273			58.86	

5231 9.1 3.3862 −0.0188 −17.473 −0.235 25°2207

75. 4.13	3	10	2	26.147	25	34	13.84	
80. 4.16	3			26.295			13.54	
83. 4. 7	3			26.142			15.59	
83. 4.14	3			26.070			15.24	

5232 9.1 3.3894 −0.0189 −17.481 −0.235 25°2208

85. 4. 2	5	10	2	36.845	25	49	22.93	
85. 4.13	6			36.809			23.44	
85. 4.17	6			36.893			24.32	

5233 9.0 3.4338 −0.0216 −17.507 −0.237 29°2006

73. 3.21	3	10	3	14.010	29	0	25.38	
73. 3.26	3			14.053			25.06	
73. 4.23	3			13.987			27.33	
75. 4. 6	3			13.994			25.68	
76. 4. 8	3			13.920			25.58	
83. 4. 6	3			14.104			25.24	
83. 4. 7	2			14.184			28.97	

5234 8.4 3.4306 −0.0214 −17.510 −0.236 28°1847

73. 3.27	3	10	3	18.033	28	48	17.35	
76. 4. 4	3			18.046			18.66	
76. 4. 7	3			18.049			19.70	
78. 4.15	3			18.070			18.94	

5235 9.0 3.3779 −0.0184 −17.520 −0.232 25°2209

74. 4.13	3	10	3	32.758	25	9	49.51	
74. 4.23	3			32.711			51.09	

5236 9.0 3.3766 −0.0184 −17.521 −0.232 25°2210

73. 4.21	3	10	3	33.599	25	4	36.72	
75. 4.13	3			33.836			35.87	
78. 4.12	3			33.581			35.52	
88. 4.18	7			33.694			35.95	

5237 9.5 3.4025 −0.0198 −17.522 −0.234 27°1856

73. 4. 9	3	10	3	34.591	26	55	48.17	Z.C. δ $47''.9$
90. 4.16	2			34.952			47.69	

5238	9$^{\mathrm{m}}$5	3$^{\mathrm{s}}$4349	−0$^{\mathrm{s}}$0218	−17″533	−0″236	29°2008
73. 3.26	3	10$^{\mathrm{h}}$ 3$^{\mathrm{m}}$49$^{\mathrm{s}}$778	29° 11′ 28″11			
75. 4. 6	3	49.635	28.60			
76. 4. 8	3	49.790	28.55			
5239	9.3	3.3873	−0.0191	−17.551	−0.231	26°2054
73. 3.25	3	10 4 16.301	25 58 14.30			
73. 4. 1	3	16.291	13.86			
75. 4.14	3	16.271	13.85			
77. 4.14	2	16.295	14.91			
79. 4.18	3	16.449	13.15			v. ft.
5240	9.1	3.3858	−0.0190	−17.554	−0.231	25°2211
73. 4 21	2	10 4 20 182	25 52 23.58			
74. 4.13	3	20 050	24.24			
74. 4.23	3	20.004	·24.16			
5241	8.0	3.4222	−0.0211	−17.560	−0.233	28°1850
73. 3.27	3	10 4 29.017	28 27 29.67			
76. 4. 4	3	29.076	29.98			
76. 4. 7	3	29.008	30.40			
5242	9.4	3.4363	−0.0220	−17.569	−0.234	29°2009
73. 3.26	3	10 4 41.632	29 27 6.60			
75. 4. 6	3	41.624	6.55			
76. 4. 8	1	41.547	6.39			
5243	8 6	3.3692	−0.0181	−17.570	−0.229	24°2192
85. 4. 2	6	10 4 42 317	24 43 56.55			
85. 4 13	6	42.308	57.59			
85. 4.17	7	42.302	58.23			
5244	8 2	3.4458	−0.0226	−17.570	−0.235	30°1975
85. 3.30	5	10 4 42.451	30 5 22.71			
85. 4.21	7	42.385	23.05			
85. 4.23	6	42.365	20.87			clds. v.ft.
85. 4.25	7	42.436	22.58			
86. 3 23	7	42.362	22.97			
5245	8.5	3.4499	−0.0229	−17.577	−0.235	30°1976
85. 4.18	6	10 4 52.306	30 23 58.24			
85. 4.20	7	52.426	58.74			v. ft.
87. 4.23	7	52.493	57.66			
5246	9.4	3.3905	−0.0194	−17.587	−0.230	26°2056
73 3.25	3	10 5 7.748	26 21 22.19			
73. 4. 1	3	7.677	21.00			
75. 4.14	3	7.688	21.91			
5247	9.2	3 3985	−0.0199	−17.592	−0.231	27°1859
77. 3.28	3	10 5 14.057	26 56 42.05			Z.C. δ 41″3
73. 4. 9	3	14.006	41.65			
78. 4.11	3	14.006	40.28			
5248	8.5	3.4094	−0.0205	−17.594	−0.231	27°1860
78. 4.15	3	10 5 16.645	27 43 17.57			
78. 4.18	3	16.574	17.25			
79. 4.19	3	16.673	17.95			
5249	8.4	3.3779	−0.0187	−17.602	−0.229	25°2212
73. 4.21	3	10 5 27.994	25 30 39.76			
74. 4.13	3	28.022	39.68			
74. 4.23	3	28.065	38.87			
77. 4. 5	3	28.016	38.23			
5250	9$^{\mathrm{m}}$4	3$^{\mathrm{s}}$4262	−0$^{\mathrm{s}}$0216	−17″607	−0″232	29°2011
73. 3 21	3	10$^{\mathrm{h}}$ 5$^{\mathrm{m}}$35$^{\mathrm{s}}$177	28° 56′ 52″52,			
92. 4. 4	4	35.370	53.65			
5251	7.0	3.4249	−0.0215	−17.608	−0.232	28°1852
73. 3.27	3	10 5 36.410	28 51 30.01			
73. 4.23	3	36.416	30.64			
75. 4. 6	3	36.344	30.19			
76. 4. 4	3	36.307	29.95			
76. 4. 7	3	36.470	29.78			
77. 4.10	3	36.440	30.07			
77. 4.10	2	36.460	31.36			
86. 4.13	7	36.485	30.11			ex. ft.
92. 3.29	6	36.524	29.74			
5252	9.4	3.3952	−0.0197	−17.610	−0.230	— —
78. 4.12	3	10 5 39.647	26 47 36.33			†
5253	9.4	3.3900	−0.0194	−17.614	−0.229	26°2059
73. 3.25	3	10 5 45.545	26 26 18.97			
73. 4. 1	3	45.632	18.73			
79. 4.18	3	45.764	18.10			
5254	8.5	3.4243	−0.0215	−17.625	−0.231	29°2012
73. 4.23	3	10 6 1.653	28 53 49.21			
76. 4. 8	2	1.658	50.21			
5255	8.0	3.4118	−0.0207	−17.627	−0.230	28°1855
73. 3.27	3	10 6 4.658	28 2 25.49			
76. 4. 4	3	4.354	25.40			
76. 4. 7	3	4.443	26.10			
5256	9.1	3.4301	−0.0219	−17.637	−0.231	29°2014
73. 3.26	3	10 6 18.235	29 21 8.59			
75. 4. 6	1	18.323	8.42			
83. 4.14	3	18.242	9.08			
5257	9.3	3.4229	−0.0215	−17.642	−0.230	28°1856
73. 3.21	3	10 6 26.769	28 52 51.83			
92. 3.31	7	26.451	50.84			
5258	8.0	3.3923	−0.0197	−17.652	−0.228	26°2057
75. 4.14	3	10 6 39.819	26 46 4.09			Z.C. δ 4″9
78 4.11	3	39.811	6.27			
78. 4.12	3	39 883	4.35			
5259	6.5	3.4058	−0.0205	−17.656	−0.227	27°1862
73. 3.28	3	10 6 45.851	27 45 12.91			
73. 4. 9	3	45.799	13.27			
78. 4.15	3	45.886	13.35			
85. 3.30	5	45.827	12.26			
85. 4. 2	7	45.893	11.13			
85. 4.13	7	45.904	12.77			
5260	8.6	3.4274	−0.0219	−17.669	−0.229	29°2015
73. 3.21	2	10 7 4.647	29 19 10.71			Z.C. δ 10″3
73. 4.23	1	4.606	10.90			
76. 4. 8	2	4.700	10.42			
80. 4.16	3	4.673	9.35			
81. 4. 8	3	4.609	9.97			
83. 4.14	3	4.523	10.60			

5261	$9^{m}.0$	$3^{s}.4329$	$-0^{s}.0222$	$-17''.669$	$-0''.230$	29°2016
81. 4. 7	2	$10^{h}\ 7^{m}\ 5^{s}.188$	$29^{\circ}\ 42'\ 13''.94$			
81. 4. 8	2	5.076	13.75			
81. 4. 9	3	4.993	14.55			
83. 4. 10	3	4.995	14.80			
5262	8.5	3.4226	−0.0216	−17.669	−0.229	29°2017
83. 4. 6	3	10 7 5.587	28 59 21.22			
83. 4. 7	3	5.557	25.00			
5263	9.4	3.3879	−0.0195	−17.680	−0.226	26°2060
73. 3. 25	3	10 7 20.128	26 33 49.83			Z.C. $\delta\ 49''.8$
73. 4. 1	3	20.316	49.23			
78. 4. 12	3	20.306	50.00			
79. 4. 18	3	20.311	50.08			
5264	9.5	3.3686	−0.0185	−17.690	−0.224	25°2218
73. 4. 21	3	10 7 35.208	25 11 48.55			
74. 4. 13	3	35.300	50.17			
74. 4. 23	3	35.409	49.60			
90. 4. 16	7	35.582	48.10			
5265	9.1	3.4216	−0.0216	−17.697	−0.227	29°2019
81. 4. 7	3	10 7 46.387	29 3 21.90			Z.C. $\delta\ 22''.5$
92. 4. 4	5	46.288	23.10			
5266	9.0	3.3881	−0.0197	−17.710	−0.225	26°2061
73. 4. 1	3	10 8 4.773	26 43 28.88			
75. 4. 14	3	4.775	27.39			
78. 4. 11	3	4.850	28.25			
5267	9.0	3.3727	−0.0188	−17.732	−0.222	25°2222
80. 4. 16	3	10 8 37.149	25 41 28.24			Z.C. $\delta\ 28''.6$
81. 4. 9	3	37.327	28.97			
83. 4. 6	3	37.111	28.76			
83. 4. 17	3	37.100	28.57			
5268	9.4	3.4099	−0.0211	−17.740	−0.224	28°1858
82. 4. 14	3	10 8 48.506	28 26 22.46			
92. 4. 5	5	48.594	23.77			
5269	9.3	3.4091	−0.0211	−17.741	−0.224	28°1859
78. 4. 15	3	10 8 50.581	28 23 26.98			
82. 4. 14	1	50.651	25.61			
83. 4. 7	3	50.477	30.90			
5270	8.8	3.3823	−0.0194	−17.742	−0.223	26°2062
73. 3. 25	3	10 8 51.735	26 27 15.30			
78. 4. 18	3	52.066	13.83			ft.
83. 4. 10	3	51.894	16.95			
84. 4. 5	4	51.771	15.20			$+4'$
5271	6.0	3.4302	−0.0223	−17.753	−0.225	30°1981
83. 4. 6	3	10 9 7.865	29 55 56.13			
84. 4. 2	4	8.015	56.90			
84. 4. 22	3	8.237	55.68			
5272	9.0	3.4040	−0.0208	−17.754	−0.223	28°1862
78. 4. 15	3	10 9 8.654	28 5 17.44			Z.C. $\delta\ 17''.1$
81. 4. 1	3	8.819	16.80			
5273	9.0	3.3615	−0.0182	−17.756	−0.221	25°2223
81. 4. 4	3	10 9 11.730	24 57 38.41			ft.
81. 4. 9	3	11.927	37.20			
5274	$7^{m}.0$	$3^{s}.4205$	$-0^{s}.0218$	$-17''.763$	$-0''.224$	29°2021
73. 4. 23	3	$10^{h}\ 9^{m}\ 22^{s}.798$	$29^{\circ}\ 18'\ 24''.91$			
83. 4. 10	3	22.802	24.50			$-5'$
84. 4. 24	5	22.846	24.78			
5275	8.4	3.3733	−0.0189	−17.771	−0.221	26°2063
85. 4. 13	7	10 9 34 771	25 55 6.86			
85. 4 21	7	34.766	8.07			
5276	9.0	3.3595	−0.0181	−17.773	−0.220	24°2206
81. 4. 8	3	10 9 37 545	24 53 22.79			
84. 4. 9	4	37.570	21.45			
5277	9.0	3.3978	−0.0204	−17.773	−0.222	27°1866
78. 4. 11	3	10 9 37.808	27 43 43.35			
87. 4. 19	5	37.778	44.92			
5278	6.2	3.3740	−0.0190	−17.777	−0.221	26°2064
78. 4. 18	2	10 9 42.756	25 59 31.53			
84. 4. 18	4	42.531	31.33			
5279	8.0	3.3615	−0.0183	−17.780	−0.219	25°2224
83. 4. 6	2	10 9 48.165	25 4 9.33			
83. 4. 7	3	47.914	10.28			
5280	7.5	3.3800	−0.0194	−17.785	−0.220	26°2065
83. 4. 17	3	10 9 54.294	26 29 31.83			
84. 4. 22	5	54.406	32.74			
91. 4. 23	7	54.351	29.71			
5281	8.5	3.4312	−0.0226	−17.789	−0.223	30°1984
85. 4. 27	7	10 10 0.927	30 10 34.63			Z.C. Ep. 85.8
86. 3. 23	7	0.933	35.61			
5282	8.3	3 3697	−0.0188	−17.794	−0.220	25°2226
81. 4. 9	2	10 10 8.298	25 45 8.14			Z.C. $\delta\ 8''.4$
83. 4. 14	3	8.125	8.56			
5283	9.0	3.4293	−0.0225	−17.800	−0.223	30°1985
90. 4. 22	7	10 10 18.089	30 6 21.59			
92. 4. 4	7	18.026	22.53			
5284	9.3	3.3704	−0.0188	−17.801	−0.220	25°2228
84. 4. 18	2	10 10 19.204	25 50 15.34			
92. 4. 6	2	19.030	13.28			
5285	9.1	3.4093	−0.0212	−17.801	−0.222	28°1865
78. 4. 15	3	10 10 19.437	28 41 42.21			
92. 4. 5	6	19.777	39.85			
5286	9.5	3.4167	−0.0217	−17.807	−0.221	29°2024
94. 3. 2	2	10 10 27.307	29 15 2.44			
94. 3. 15	4	27.433	4.64			v. ft.
94. 4. 3	5	27.011	10.25			
5287	8.7	3.4282	−0.0225	−17.811	−0.222	30°1986
84. 4. 9	4	10 10 33.435	30 4 49.66			-1^{m}
84. 4. 21	2	33.364	49.03			
5288	9.4	3.3835	−0.0197	−17.815	−0.219	26°2066
78. 4. 11	3	10 10 40.437	26 53 38.90			
92. 4. 9	7	40.354	39.78			v. ft.

5289	$7^{m}7$	$3^{s}3997$	$-0^{s}0207$	$-17''830$	$-0''219$	28°1866
84.	4. 5	4	$10^{h}11^{m}\ 2^{s}074$	28° 8′ 54″06	c. d. s. f.	
84.	4.24	2	2.385	55.17	d. s. f.	
5290	6.7	3.3979	−0.0206	−17.834	−0.219	28°1867
76.	4. 4	1	10 11 7.738	28 2 19.42		
78.	4.15	2	7.684	19.67		
83.	4.10	3	7.604	19.30		
5291	9.3	3.4142	−0.0218	−17 845	−0.219	29°2025
87.	4.19	3	10 11 25.046	29 16 38.94		
92.	4.11	7	25.047	34.88		
5292	9.5	3.3832	−0.0198	−17.851	−0.217	27°1870
78.	4.11	3	10 11 33.472	27 2 19.38	Z.C. δ 19″5	
81.	4. 1	3	33.295	19.40		
83.	4. 6	3	33.824	19.66		
5293	8.9	3.4236	−0.0224	−17.853	−0.220	30°1991
73.	4.23	3	10 11 36.662	29 58 43.28		
83.	4. 7	3	36.536	45.72		
5294	8.9	3.3935	−0.0205	−17.858	−0.217	27°1871
79.	4.19	2	10 11 44.910	27 50 20.04		
82.	4.14	3	44.807	20.09		
83.	4.14	3	44.766	20.35		
5295	8 9	3.3957	−0 0206	−17.860	−0.217	28°1869
76.	4. 7	3	10 11 47.202	28 0 30.55	Z.C. α $47^{s}30$	
77.	4.10	3	47.287	30.93		
77.	4.16	2	47.407	31.03		
5296	9.5	3.4117	−0.0217	−17.868	−0.218	29°2026
75.	4. 6	2	10 11 59.757	29 13 7.56		
84.	4. 9	1	59.859	6.64		
5297	6.7	3.3595	−0.0185	−17.870	−0.214	25°2231
74.	4.13	3	10 12 2.743	25 20 12.48		
74.	4.23	3	2.712	12.82		
83.	4.10	3	2.758	15.57	−4°	
5298	8.2	3.3546	−0.0182	−17.879	−0.213	25°2232
73.	4.21	3	10 12 15.406	24 59 25.24	$-61^{s}+5'$	
74.	4.23	3	15.410	24.87		
77.	4. 5	3	15.422	25.00		
85.	4.13	7	15.423	23.87	+5′	
5299	8.7	3.3776	−0.0196	−17.884	−0.215	26°2069
73.	3.25	3	10 12 24.146	26 46 42.80		
73.	4. 1	3	24.042	45.46		
75.	4.14	3	24.163	45.69		
79.	4.18	3	24.137	44.04		
5300	8.5	3.4207	−0.0224	−17.894	−0.218	30°1994
76.	4. 8	3	10 12 38.940	29 59 56.82		
81.	4. 9	3	39.097	55.37		
83.	4.14	3	39.060	55.37		
83.	4.17	3	39.146	55.54		
5301	9.3	3.3530	−0.0182	−17.901	−0.212	25°2234
73.	3. 4	3	10 12 48.946	24 58 1.25		
74.	4.13	3	48.847	0.81		
75.	4.13	3	48.932	1.81		
78.	4. 5	3	49.305	2.77		
5302	$9^{m}0$	$3^{s}3966$	$-0^{s}0209$	$-17''903$	$-0''215$	28°1870
73.	3.27	3	$10^{h}12^{m}53^{s}034$	28° 18′ 6″30		
73.	4.19	3	52.986	9.55		
76.	4. 4	2	53.047	6.83		
76.	4. 7	3	52.949	7.16		
78.	3.22	3	53.083	7.29		
5303	9.0	3.3816	−0.0200	−17.906	−0.214	27°1875
73.	3.28	3	10 12 57.445	27 11 48.95		
73.	4. 9	3	57.465	48.79		
78.	4.11	3	57.488	48.41		
5304	8.7	3.4068	−0.0215	−17.907	−0.216	29°2028
73.	3.21	3	10 12 58.419	29 3 59.34		
73.	4.23	3	58.382	58.49		
75.	4.22	3	58.320	58.90		
83.	4. 6	3	58.490	61.84		
5305	9.1	3.4193	−0.0224	−17.909	−0.217	30°1996
85.	4.17	7	10 13 1.226	29 58 27.46		
85.	4.18	7	1.215	27.63		
85.	4.21	7	1.202	27.75		
5306	8.8	3.4179	−0.0223	−17.910	−0.217	29°2029
80.	4.16	3	10 13 2.176	29 53 7.04		
83.	4.17	3	2.297	8.17		
85.	4.21	7	2.148	8.85		
5307	8.4	3.3684	−0.0192	−17.928	−0.212	26°2072
73.	3.25	3	10 13 30.842	26 18 16.54		
73.	4. 1	3	30.866	18.38		
75.	4.14	3	30.863	17.49		
76.	3.31	3	30.785	18.16		
5308	7.3	3.4120	−0.0220	−17.930	−0.215	29°2030
75.	4. 6	2	10 13 34.328	29 34 11.26		
75.	4.22	2	34.173	10.76		
76.	4. 8	2	34.326	13.67		
5309	9.5	3.4177	−0.0223	−17.932	−0.216	30°1999
80.	4.16	3	10 13 36.082	29 59 11.94		
81.	4. 1	3	36.228	11.23	v. ft.	
83.	4. 7	1	35.855	12.20		
5310	9.4	3.4055	−0.0215	−17.938	−0.214	29°2032
82.	4.14	1	10 13 46.393	29 8 44.15	Z.C. α $46^{s}57$	
83.	4.14	1	46.789	45.29	−10′	
84.	4. 2	4	46.539	46.38		
5311	7.7	3.3943	−0.0209	−17.948	−0.213	28°1871
73.	3.27	3	10 14 1.033	28 21 33.46		
73.	4.19	3	0.983	34.75		
77.	4.10	3	1.039	34.14		
77.	4.16	3	1.011	34.41		
78.	4.24	3	1.003	34.20		
5312	8.5	3.3801	−0.0200	−17.953	−0.212	27°1879
74.	4.27	3	10 14 9.074	27 19 34.54		
78.	4.11	1	8.904	35.01		
78.	4.15	3	8.991	33.62		
79.	4.19	2	9.036	33.77		

5313 $8^m.4$ $3^s.3827$ $-0^s.0202$ $-17''.953$ $-0''.213$ 27°1878

73. 3.28	3	$10^h 14^m 8^s.889$	27° 30′ 51″.56	
73. 4. 9	3	9.038	50.79	
78. 4.11	3	9.083	51.73	
79. 4.19	3	9.183	51.56	

5314 9.2 3.3967 −0.0211 −17.963 −0.213 28°1872

85. 4.25	7	10 14 23.666	28 37 53.41	
86. 3.23	5	23.415	52.89	
87. 4.19	5	23.741	53.77	
87. 4.23	7	23.647	53.76	
88. 3.27	7	23.743	52.25	

5315 8.1 3.4040 −0.0215 −17.964 −0.213 29°2033

73. 3.21	3	10 14 25.388	29 9 54.97	
73. 4.23	3	25.197	54.21	
75. 4. 6	2	25.208	55.37	
75. 4.22	1	25.252	54.98	

5316 9.2 3.3498 −0.0181 −17.965 −0.209 25°2236

73. 4.21	3	10 14 27.092	25 2 35.58	
74. 4.23	3	27.102	36.38	
75. 4.13	3	27.075	35.54	-1^s

5317 9.4 3.4124 −0.0221 −17.969 −0.214 29°2034

81. 4. 1	3	10 14 33.305	29 48 43.56	Z.C. δ 45″.0
81. 4. 8	3	33.187	43.97	
83. 4. 6	3	33.134	46.91	
83. 4. 7	2	33.137	45.58	

5318 8.8 3.3613 −0.0190 −18.002 −0.208 26°2077

73. 3.25	3	10 15 25.094	26 7 44.82	
73. 4. 1	3	25.217	45.77	
75. 4.14	3	25.011	45.19	
77. 4.14	3	25.170	46.65	

5319 8.8 3.3560 −0.0186 −18.006 −0.208 25°2237

73. 3. 4	3	10 15 30.753	25 44 16.85	+ 5′
73. 4.21	3	30.749	17.14	
74. 4.13	3	30.683	17.76	
74. 4.13	1	30.883	17.41	
74. 4.23	3	30.612	17.68	

5320 9.0 3.4076 −0.0220 −18.007 −0.212 29°2036

73. 4.23	3	10 15 32.850	29 40 30.40	Z.C. δ 31″.0
75. 4. 6	2	32.887	31.31	
76. 4. 8	3	32.959	31.26	
81. 4. 8	3	32.877	31.00	

5321 9.1 3.3915 −0.0210 −18.011 −0.210 28°1875

76. 4. 7	3	10 15 38.537	28 30 11.58	
92. 4. 4	7	38.535	12.89	

5322 9.5 3.3972 −0.0214 −18.011 −0.210 29°2037

85. 4.17	5	10 15 39.061	28 56 1.23	
94. 3. 2	5	38.325	0.50	
94. 3.15	7	38.327	6.27	
94. 4. 3	7	38.979	4.60	
94. 4. 5	7	38.595	2.33	

5323 8.9 3.3570 −0.0187 −18.011 −0.208 25°2238

77. 4. 5	3	10 15 39.253	25 50 37.71	
78. 4. 5	3	39.432	37.22	+ 5′
82. 4.14	3	39.321	37.14	
83. 4.17	3	39 362	38.70	

5324 $9^m.2$ $3^s.3568$ $-0^s.0187$ $-18''.012$ $-0''.208$ 25°2239

78. 4. 5	2	$10^h 15^m 40^s.823$	25° 49′ 43″.86	
82. 4.14	1	40.892	41.78	
83. 4.17	2	40.964	43.79	

5325 7.9 3.3491 −0.0182 −18.013 −0.207 25°2240

75. 4.13	3	10 15 41.682	25 13 33.65	+ 5′
80. 4.23	3	41.814	32.43	
83. 4.25	3	41.701	34.45	

5326 8.7 3.3514 −0.0184 −18.014 −0.207 25°2241

75. 4.13	2	10 15 43.508	25 24 33.44	
80. 4.16	3	43.389	32.82	
83. 4.14	3	43.310	34.70	
84. 4. 2	7	43.341	33.14	

5327 9.0 3.3545 −0.0186 −18.019 −0.207 25°2242

73. 3. 4	3	10 15 51.293	25 41 27.69	
73. 4.21	3	51.216	28.30	
74. 4.23	3	51.209	29.21	
84. 4. 5	7	51.199	27.61	

5328 9.0 3.3773 −0.0201 −18.037 −0.208 27°1883

73. 3.28	3	10 16 19.188	27 33 40.40	
73. 4. 9	3	19.216	41.65	
78. 4.11	3	19.356	40.28	
78. 4.24	3	19.278	40.42	

5329 8.8 3.3528 −0.0185 −18.037 −0.206 25°2243

83. 4. 6	3	10 16 20.031	25 38 25.24	
83. 4. 7	3	19.788	26.85	
83. 4.10	3	20.060	24.35	

5330 8.6 3.3713 −0.0198 −18.041 −0.207 27°1884

74. 4.27	3	10 16 26.174	27 7 29.47	
78. 4.15	3	26.098	29.29	
78. 4.18	3	26.247	27.79	

5331 9.3 3.4063 −0.0221 −18.042 −0.209 29°2040

73. 4.23	3	10 16 27.661	29 47 18.70	
75. 4. 6	2	27.714	20.08	
76. 4. 8	2	27.573	19.19	

5332 9.1 3.3683 −0.0196 −18.048 −0.207 27°1885

73. 4. 9	2	10 16 36.166	26 55 19.52	
78. 4.24	3	36.190	18.95	
79. 4.19	3	36.359	18.35	
80. 4 16	3	36 244	18.88	

5333 9.5 3.3547 −0.0187 −18.051 −0.206 25°2244

81. 4. 1	3	10 16 40.838	25 52 34.69	Z.C. δ 35″.7
86. 3.23	7	40 563	35.71	
87. 4.19	7	40.608	36.74	

5334 9.5 3.3605 −0.0191 −18.054 −0.206 26°2079

73. 3.25	3	10 16 45.484	26 21 0.91	Z.C. δ 2″.0
73. 4. 1	3	45.565	2.76	
79. 4.18	2	45.179	2.36	

5335 9.5 3.3536 −0.0187 −18.056 −0.205 — —

73. 4.21	2	10 16 49.167	25 48 43.29	† v.ft.

5336 $6^{m}.9$ $3^{s}.3584$ $-0^{s}.0190$ $-18''.057$ $-0''.205$ 26°2081

73.	3.25	2	$10^{h}16^{m}51^{s}.432$	$26^{\circ}\ 12'\ 3''.52$	
73.	4. 1	2	51.483	5.33	
75.	4.14	3	51.349	4.30	
76.	3.31	3	51.417	4.78	
77.	4.14	3	51.390	3.82	

5337 9.3 3.4025 −0.0219 −18.066 −0.208 29°2042

81.	4. 8	3	10 17 4.584	29 38 27.55	Z.C. δ 28″.2
92.	4. 5	7	4.657	28.85	

5338 9.0 3.3677 −0.0197 −18.067 −0.206 27°1888

73.	3.28	3	10 17 7.136	26 58 56.20	
78.	4.11	3	7.169	55.61	
78.	4.15	3	7.183	55.71	
83.	4. 6	2	7.287	55.63	

5339 9.4 3.3958 −0.0215 −18.080 −0.206 29°2043

73.	4.23	3	10 17 27.801	29 13 35.98	
75.	4. 6	3	27.733	35.86	
74.	4.22	3	27.663	34.76	

5340 9.5 3.3852 −0.0209 −18.096 −0.205 28°1877

73.	4.19	3	10 17 52.951	28 30 22.16	v. ft.
76.	4. 7	3	53.265	19.93	
77.	4.16	3	53.327	20.88	
85.	4.13	7	53.256	19.49	
85.	4.17	7	53.224	20.48	
85.	4.18	7	53.233	20.62	

5341 8.1 3.3435 −0.0182 −18.104 −0.202 25°2247

73.	3. 4	3	10 18 5.294	25 15 5.31	
74.	4.23	3	5.142	6.09	
75.	4.13	3	5.312	6.39	
77.	4. 5	3	5.325	5.62	

5342 9.5 3.3545 −0.0189 −18.114 −0.203 26°2082

94.	3. 2	7	10 18 21.416	26 11 37.85	
94.	4. 3	2	21.552	41.63	
94.	4. 5	3	21.760	38.98	

5343 8.8 3.3491 −0.0187 −18.129 −0.201 25°2248

73	4.21	3	10 18 44.657	25 50 46.36	
74.	4.13	3	44.690	46.97	
78.	4. 5	3	44.745	47.22	
88.	3.27	7	44.811	46.36	

5344 9.2 3.3742 −0.0204 −18.145 −0.202 28°1878

78.	4.15	3	10 19 10.310	27 56 19.88	+ 1 int.
78.	4.24	3	10.341	17.91	
80.	4.16	3	10.125	18.27	

5345 9.3 3.3528 −0.0190 −18.146 −0.201 26°2083

73.	3.25	3	10 19 12.761	26 14 1.84	+ 5′
76.	3.31	3	12.806	2.76	Z.C. α $12^{s}.78$

5346 7.2 3.3416 −0.0183 −18.150 −0.199 25°2249

74.	4.13	3	10 19 18.937	25 20 59.18	Z.C. δ 59″.6
74.	4.23	3	19.052	59.56	
75.	4.13	3	19.175	60.51	
77.	4.24	1	19.313	59.34	

5347 $9^{m}.3$ $3^{s}.3517$ $-0^{s}.0190$ $-18''.151$ $-0''.200$ 26°2084

73.	4. 1	3	$10^{h}19^{m}21^{s}.189$	$26^{\circ}\ 10'\ 18''.40$	
75.	4.14	3	21.330	18.04	
78.	4.18	2	21.475	17.97	

5348 8.7 3.3540 −0.0191 −18.153 −0.200 26°2085

73.	3.25	3	10 19 24.217	26 22 44.07	Z.C. δ 45″.0
77.	4.14	3	24.190	45.28	
77.	4.14	3	24.400	45.87	
79.	4.18	3	24.281	44.77	

5349 9.1 3.3454 −0.0185 −18.159 −0.200 25°2250

78.	4. 5	3	10 19 33.586	25 41 57.42	
92.	4. 4	4	33.858	58.77	

5350 8.5 3.3629 −0.0197 −18.164 −0.200 27°1890

73.	4. 9	3	10 19 41.457	27 9 34.60	− 1′
74.	4.27	3	41.516	33.86	
78.	4.11	3	41.447	33.97	+ 1^{m}

5351 9.5 3.3473 −0.0186 −18.165 −0.200 25°2251

73.	3. 4	3	10 19 42.769	25 53 30.04	ft.
74.	4.23	3	42.456	31.13	v. ft.
81.	4. 9	2	43.072	29.20	ex. ft.
82.	4.14	3	42.681	29.91	Z.C. δ 30″.1
86.	3.23	7	42.717	30.55	v. ft.
87.	4.23	7	43.128	30.05	* ex. ft. + 5′

5352 8.5 3.3863 −0.0213 −18.166 −0.201 29°2046

73.	3.21	3	10 19 45.205	29 0 35.50	
73.	4.23	3	45.122	35.65	
75.	4. 6	3	45.204	34.72	
75.	4.22	3	45.231	34.13	
76.	4. 8	3	45.119	35.33	
77.	4.19	3	45.270	35.60	

5353 9.4 3.3604 −0.0196 −18.170 −0.199 27°1891

73.	3.28	3	10 19 51.910	26 59 24.01	+ 5′
73.	4. 9	2	52.063	23.18	
83.	4. 6	3	52.084	24.62	
83.	4. 7	3	51.993	25.68	

5354 9.0 3.3445 −0.0185 −18.175 −0.199 25°2253

77.	4. 5	3	10 19 58.943	25 43 24.51	Z.C. δ 24″.4
81.	4. 9	2	58.923	24.12	
83.	4.10	3	59.048	24.52	

5355 8.2 3.3636 −0.0198 −18.175 −0.199 27°1893

78.	4.24	3	10 19 59.152	27 16 45.15	
79.	4.19	3	59.177	45.62	
80.	4.23	3	59.158	44.96	
83.	4.14	3	59.206	45.34	

5356 7.8 3.3427 −0.0184 −18.176 −0.199 25°2254

73.	4.21	3	10 20 0.430	25 34 59.92	Z.C. δ 59″.5
80.	4.16	3	0.275	59.52	
80.	4.23	1	0.184	59.86	
80.	4.26	3	0.414	58.56	

5357 9.3 3.3493 −0.0189 −18.185 −0.198 26°2087

73.	4. 1	3	10 20 15.821	26 10 33.97	
75.	4.14	2	15.705	33.05	

5358	$8^{\mathrm{m}}.9$	$3^{\mathrm{s}}.3783$	$-0^{\mathrm{s}}.0209$	$-18''.185$	$-0''.200$	28°1879
73.	4.19	3	$10^{\mathrm{h}}20^{\mathrm{m}}16^{\mathrm{s}}.523$	28° 30′	26″.04	
76.	4. 4	3	16.294		26.85	
76.	4. 7	3	16.543		25.86	
77.	4.10	3	16.592		25.32	
77.	4.16	3	16.662		25.90	
5359	9.4	3.3930	−0.0219	−18.195	−0.201	29°2047
75.	4.22	3	10 20 31.563	29 42	10.58	
76.	4. 8	2	31.610		11.97	
80.	4.16	2	31.579		9.83	
81.	4. 8	3	31.970		10.27	
5360	9.1	3.3843	−0.0212	−18.199	−0.200	29°2048
73.	4.23	3	10 20 37.982	29 3	33.84	
75.	4. 6	3	38.119		34.31	
82.	4.14	3	37.907		34.41	
83.	4.10	3	38.117		34.68	
5361	8.4	3.3682	−0.0203	−18.210	−0.198	27°1895
73.	3.28	3	10 20 56.706	27 50	57.05	−1′
74.	4.27	3	56.653		56.29	Z.C. δ 56″.4
78.	4.11	3	56.848		55.84	
5362	8.9	3.3740	−0.0206	−18.211	−0.198	28°1886
73.	4.19	2	10 20 57.752	28 19	24.03	
76.	4. 4	3	57.825		24.13	
76.	4. 7	2	57.827		24.25	
78.	3.22	3	57.954		25.58	§
83.	4.14	3	57.741		23.82	
83.	4.25	3	58.022		25.34	
5363	8.8	3.3828	−0.0212	−18.220	−0.199	29°2050
73.	3.21	3	10 21 13.631	29 1	29.94	Z.C. δ 28″.9
73.	4.23	3	13.615		28.71	
75.	4. 6	3	13.620		28.27	
77.	4.19	3	13.652		28.63	
5364	9.2	3.3470	−0.0189	−18.223	−0.196	26°2091
73.	3.25	3	10 21 18.159	26 12	35.13	
73.	4. 1	3	18.142		37.63	
75.	4.14	3	18.029		36.67	
76.	3.31	3	18.225		36.73	
5365	8.9	3.3386	−0.0183	−18.226	−0.195	25°2255
73.	3. 4	3	10 21 22.306	25 31	41.55	
73.	4.21	3	22.365		41.80	
74.	4.13	3	22.291		41.24	
75.	4.13	3	22.341		41.50	
77.	4. 5	3	22.412		41.59	
77.	4.24	3	22.390		43.40	
5366	8.8	3.3553	−0.0194	−18.227	−0.196	27°1896
74.	4.27	3	10 21 24.722	26 55	10.44	
78.	4.15	3	24.729		11.05	
78.	4.18	3	24.799		9.15	
5367	9.5	3.3890	−0.0217	−18.232	−0.199	29°2051
94.	3.15	7	10 21 33.381	29 38	12.81	Z.C. δ 12″.6
94.	4. 3	4	33.441		12.45	
94.	4. 5	6	33.586			δ rejected
5368	9.5	3.3532	−0.0193	−18.237	−0.195	26°2092
78.	4.11	3	10 21 40.809	26 48	19.52	
92.	4. 5	2	40.833		18.17	

5369	$7^{\mathrm{m}}.5$	$3^{\mathrm{s}}.3623$	$-0^{\mathrm{s}}.0200$	$-18''.240$	$-0''.196$	27°1897
73.	3.28	3	$10^{\mathrm{h}}21^{\mathrm{m}}45^{\mathrm{s}}.996$	27° 33′	39″.79	
73.	4. 9	3	45.798		40.90	
78.	4.24	3	46.080		40.41	
79.	4.19	3	46.070		39.38	
5370	8.8	3.3487	−0.0191	−18.254	−0.194	26°2095
73.	3.25	3	10 22 9.157	26 32	8.70	
73.	4. 1	3	9.257		11.95	
76.	3.31	3	9.187		10.04	
5371	8.7	3.3681	−0.0205	−18.257	−0.196	28°1887
77.	4.16	3	10 22 14.353	28 8	15.37	
78.	4 15	2	14.102		15.85	
80.	4.16	3	13.985		14.77	
85.	4.13	6	14.207		14.42	
85.	4.21	6	13.997		15.32	
87.	4.27	7	14.098		14.02	
5372	9.1	3.3290	−0.0178	−18.258	−0.193	24°2228
85.	4.17	6	10 22 15.993	24 54	10.30	$+1^{\mathrm{m}}$
86.	3 23	7	16.074		11.66	ft. $+1^{\mathrm{m}}+1'$
87.	4.19	7	16.045		10.98	
87.	4.23	7	15.995		10.20	Z.C.Ep.86.5
5373	9.0	3.3722	−0.0208	−18.262	−0.196	28°1888
93.	3.22	7	10 22 22.089	28 30	12.61	
93.	4. 5	7	22.033		11.83	
5374	9.4	3.3829	−0.0216	−18.267	−0.196	29°2055
75.	4. 6	3	10 22 29.832	29 23	3.44	
75.	4.22	2	29.829		3.47	
76.	4. 8	3	29.949		2.28	
93.	4 6	2	30.060		3.27	
5375	8.8	3.3508	−0.0193	−18.273	−0.193	26°2097
73.	3.25	2	10 22 40.244	26 49	14.79	
73.	4. 1	2	39.893		17.58	
75.	4.14	3	39.896		16.88	
77.	4.14	3	40.153		17.65	
77.	4.14	2	40.243		17.73	
81.	4. 8	3	40.226		15.70	
81.	4. 8	2	40.236		16.51	
5376	8.6	3.3921	−0.0222	−18.275	−0.196	30°2024
85.	4.18	7	10 22 43.285	30 9	1.14	
85.	4.20	7	43.294		1.82	
90.	4.22	7	43.507		1.21	
5377	8.0	3.3798	−0.0214	−18.276	−0.195	29°2056
73.	3.21	3	10 22 45.958	29 11	40.30	
73.	4.23	2	45.998		40.43	D − 10″
77.	4.19	3	45.834		40.08	
5378	9.1	3.3693	−0.0207	−18.280	−0.194	28°1889
73.	4.19	2	10 22 52.082	28 22	41.87	+1°
76.	4. 4	3	52.115		39.50	
86.	4.10	4	52.149		38.20	clds. v. ft.
5379	7.1	3.3798	−0.0214	−18.280	−0.194	29°2057
73.	3.21	2	10 22 52.988	29 13	9.82	Z.C. δ 10″.9
73.	4.23	3	52.827		11.21	
75.	4.22	1	53.069		10.40	
76.	4. 8	1	52.916		11.88	
77.	4.19	2	52.703		11.10	

5380	$7^{m}.3$	$3^{s}.3700$	$-0^{s}.0207$	$-18''.284$	$-0''.194$	28°1890
77.	4.10	3	$10^{h}\,22^{m}\,59^{s}.377$	28° 27′ 54″.14		
78.	4.27	3	59.654	54.14		
80.	4.23	3	59.370	53.70		
80.	4.26	3	59.405	53.21		
5381	9.5	3.3513	−0.0195	−18.295	−0.192	27°1898
73.	4. 9	3	10 23 16.938	27 0 15.64		
78.	4.11	3	16.905	16.25		
81.	4. 9	3	16.969	16.60		
5382	8.2	3.3628	−0.0203	−18.298	−0.193	28°1891
76.	4. 7	3	10 23 23.068	27 58 31.47		
78.	3.22	2	22.991	32.25		§
78.	4.15	2	22.863	32.54		
78.	4.27	2	22.822	33.06		
5383	9.5	3.3373	−0.0186	−18.302	−0.191	25°2256
73.	3. 4	3	10 23 28.605	25 52 38.32		
73.	4.21	3	28.625	38.06		
82.	4.14	3	28.865	38.61		
5384	9.1	3.3237	−0.0177	−18.307	−0.190	24°2230
74.	4.13	3	10 23 36.758	24 43 58.57		
74.	4.23	3	36.740	59.00		
75.	4.13	2	36.824	58.80		
5385	9.4	3.3236	−0.0177	−18.309	−0.190	24°2231
74.	4.23	2	10 23 40.910	24 44 29.09		Z.C. a $40^{s}.91$
75.	4.13	1	41.114	29.02		
90.	4.11	6	41.059	27.08		v. ft.
90.	4.16	5	40.867	26.56		
94.	4.18	7	40.669	26.47		
94.	4.21	6	40.818	26.86		
95.	3.21	6	40.850	27.36		§
95.	4. 9	7	40.950	27.35		§
95.	4.19	6	40.797	28.83		§ v. ft.
5386	9.0	3.3775	−0.0214	−18.316	−0.192	29°2058
73.	3.21	1	10 23 53.178	29 16 52.35		
73.	4.23	2	52.996	52.48		
5387	9.0	3.3871	−0.0221	−18.323	−0.193	30°2028
85.	4.13	6	10 24 3.872	30 5 9.43		
85.	4.17	5	3.731	10.10		
85.	4.21	2	3.882	10.58		
5388	9.0	3.3680	−0.0208	−18.341	−0.191	28°1893
73.	4.19	3	10 24 35.095	28 40 56.37		
73.	4.19	1	35.435	56.22		
76.	4. 7	3	35.077	55.88		
77.	4.10	3	35.208	57.40		
77.	4.16	3	35.266	56.57		
5389	9.3	3.3332	−0.0184	−18.342	−0.189	25°2257
73.	4.21	3	10 24 36.453	25 45 59.92		+1 int.
78.	4. 5	3	36.516	59.02		
83.	4.10	3	36.668	58.84		
83.	4.25	3	36.631	61.29		
5390	7.6	3.3205	−0.0176	−18.351	−0.187	24°2238
74.	4.13	3	10 24 51.679	24 43 29.75		
74.	4.23	3	51.550	29.34		
75.	4.13	1	51.919	28.89		
5391	$9^{m}.0$	$3^{s}.3743$	$-0^{s}.0214$	$-18''.355$	$-0''.190$	29°2060
73.	3.21	2	$10^{h}\,24^{m}\,58^{s}.098$	29° 17′ 15″.92		
73.	4.23	3	57.993	16.42		+ 2°
75.	4.22	3	58.047	15.29		
76.	4. 8	3	58.122	16.11		
77.	4.19	3	58.102	15.98		
5392	9.5	3.3676	−0.0209	−18.358	−0.190	28°1895
80.	4.16	3	10 25 3.267	28 45 40.34		
82.	4.14	3	3.080	39.35		
5393	7.8	3.3274	−0.0181	−18.358	−0.187	25°2258
73.	4.21	3	10 25 3.534	25 21 52.54		
74.	4.13	3	3.473	52.41		
77.	4.24	3	3.502	53.63		
5394	9.4	3.3242	−0.0179	−18.364	−0.187	25°2259
73.	3. 4	3	10 25 13.489	25 7 28.97		
85.	4.18	7	13.448	29.71		
88.	4.18	5	13.563	28.91		
5395	6.9	3.3233	−0.0179	−18.370	−0.186	25°2260
73.	3. 4	3	10 25 23.837	25 5 1.16		
77.	4.24	3	23.752	2.85		
79.	4.26	3	23.919	2.13		
5396	8.4	3.3436	−0.0193	−18.384	−0.187	27°1901
73.	3.28	3	10 25 47.864	26 55 49.96		
73.	4. 9	3	48.132	50.07		
78.	4.11	3	48.039	50.79		
78.	4.24	3	48.163	50.36		
5397	8.3	3.3598	−0.0206	−18.402	−0.187	28°1899
76.	4. 7	3	10 26 18.058	28 25 14.48		
77.	4.10	3	18.337	13.89		
77.	4.16	3	18.385	13.78		
5398	7.8	3.3285	−0.0184	−18.404	−0.185	25°2263
73.	4.21	3	10 26 22.373	25 46 4.20		Z.C. δ 5″.5
74.	4.13	3	22.422	4.86		
77.	4.24	2	22.251	5.21		
83.	4.10	2	22.386	6.77		
83.	4.25	3	22.328	6.47		
5399	9.5	3.3178	−0.0176	−18.406	−0.184	24°2241
94.	4. 5	7	10 26 25.745	24 48 62.98		v. ft.
94.	4.10	7	25.804	58.32		
5400	9.0	3.3725	−0.0215	−18.409	−0.188	29°2061
73.	4.23	3	10 26 31.057	29 31 4.76		
75.	4.22	3	30.984	3.15		+ 1′
76.	4. 8	3	31.029	4.65		
5401	9.3	3.3286	−0.0184	−18.416	−0.184	25°2264
73.	3. 4	1	10 26 43.863	25 50 39.93		
73.	4.21	2	43.801	42.02		
5402	9.4	3.3381	−0.0192	−18.428	−0.184	26°2099
75.	4.14	3	10 27 4.589	26 45 12.85		Z.C. δ 12″.8
76.	3.31	3	4.881	12.83		v. ft.

5403 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.3270$ $-0^{\mathrm{s}}.0184$ −18″.435 −0″.183 25°2266

74.	4.13	2	$10^{\mathrm{h}}27^{\mathrm{m}}16^{\mathrm{s}}.715$	25° 49′ 43″.16	
95.	3.25	7	16.232	46.01	
95.	4.10	6	16.325	46.31	v. ft.
95.	4.17	7	16.196	48.46	v. ft.

5404 9.4 3.3461 −0.0198 −18.440 −0.183 27°1904

73.	3.28	3	10 27 25.023	27 31 9.29	
73.	4. 9	3	25.159	8.33	
78.	4.11	3	25.119	8.47	

5405 9.4 3.3379 −0.0192 −18.440 −0.183 26°2100

73.	4. 1	3	10 27 25.169	26 49 8.45	
75.	4.14	3	25.127	6.37	

5406 7.3 3.3367 −0.0192 −18.453 −0.182 26°2101

73.	3.25	3	10 27 48.298	26 48 18.08	
73.	4. 1	2	48.535	20.93	
74.	4.28	3	48.141	19.11	
76.	3.31	3	48.125	20.36	
77.	4.14	3	48.250	19.40	
77.	4.14	2	48.100	19.57	
79.	4.26	3	48.293	19.96	

5407 6.8 3.3576 −0.0207 −18.455 −0.184 28°1902

73.	4.19	3	10 27 50.598	28 36 32.82	
76.	4. 7	3	50.446	31.87	
77.	4.16	3	50.585	31.65	
78.	4.15	3	50.416	31.42	
78.	4.15	3	50.666	31.99	

5408 9.0 3.3297 −0.0187 −18.456 −0.182 26°2102

73.	4.25	3	10 27 53.360	26 12 30.93	
74.	4.28	2	53.194	29.74	
78.	4. 5	3	53.264	30.51	

5409 9.2 3.3234 −0.0183 −18.462 −0.182 25°2269

73.	4.21	1	10 28 3.885	25 41 35.43	
90.	4.11	7	3.635	34.09	
90.	4.22	7	3.786	34.66	

5410 9.5 3.3478 −0.0200 −18.470 −0.182 27°1905

73.	3.28	3	10 28 17.507	27 52 49.61	
73.	4. 9	3	17.762	47.97	
78.	4.24	3	17.805	50.12	

5411 9.4 3.3579 −0.0208 −18.472 −0.183 28°1903

81.	4. 8	3	10 28 21.126	28 44 57.92	
81.	4. 9	3	21.224	55.35	
85.	4.17	5	20.632	56.37	
94.	4.18	7	20.421	56.19	
94.	4.21	7	20.330	56.69	
95.	3.21	7	20.579	57.08	§
95.	4. 9	7	20.670	57.72	§
95.	4.19	4	20.604	56.68	§ v. ft.

5412 9.5 3.3474 −0.0200 −18.476 −0.182 27°1906

73.	3.28	1	10 28 27.415	27 53 21.58	v. ft.
78.	4.24	2	27.277	20.27	v. ft.

5413 $9^{\mathrm{m}}.0$ $3^{\mathrm{s}}.3362$ $-0^{\mathrm{s}}.0192$ −18″.476 −0″.181 27°1907

74.	4.27	3	$10^{\mathrm{h}}28^{\mathrm{m}}28^{\mathrm{s}}.971$	26° 55′ 18″.51	ft.
78.	4.11	3	28.951	16.79	d. f.
79.	4.19	3	29.151	16.04	
80.	4.16	3	29.087	16.65	c. d. f.
80.	4.26	3	28.972	15.91	
85.	4.13	3	28.936	15.30	

5414 9.2 3.3558 −0.0206 −18.478 −0.182 28°1905

82.	4.14	3	10 28 31.184	28 36 46.74	
83.	4. 7	3	31.248	50.84	
83.	4.14	3	31.022	47.46	

5415 9.5 3.3239 −0.0184 −18.480 −0.181 25°2270

74.	4.23	3	10 28 34.263	25 51 17.57	
75.	4.13	3	34.417	17.73	
83.	4.10	3	34.322	17.58	
84.	4. 2	1	34.514	16.23	ex. ft.

5416 9.3 3.3570 −0.0207 −18.480 −0.182 28°1906

73.	4.19	3	10 28 34.980	28 44 32.08	
77.	4.10	3	34.892	31.29	
80.	4.16	2	34.887	31.11	
80.	4.23	3	35.028	32.00	

5417 8.6 3.3686 −0.0217 −18.485 −0.182 29°2062

73.	3.21	3	10 28 43.866	29 45 4.50	
73.	4.23	3	43.863	2.91	
75.	4. 6	3	43.866	3.69	
76.	4. 8	3	43.988	4.01	

5418 8.9 3.3458 −0.0200 −18.500 −0.181 28°1907

76.	4. 7	3	10 29 11.321	27 55 56.92	
77.	4.10	3	11.456	55.86	
77.	4.16	3	11.191	55.78	

5419 8.5 3.3497 −0.0204 −18.522 −0.179 28°1908

73.	4.19	3	10 29 49.633	28 25 31.23	
76.	4. 7	3	49.571	28.63	
77.	4.16	2	49.727	29.52	

5420 8.5 3.3312 −0.0190 −18.524 −0.178 26°2104

73.	4. 1	3	10 29 53.009	26 49 19.50	
73.	4.25	3	52.956	17.72	
74.	4.28	3	52.893	17.94	
75.	4.14	3	52.923	19.95	
76.	3.31	3	52.992	19.73	
79.	4.18	3	53.096	18.61	

5421 8.0 3.3175 −0.0182 −18.544 −0.176 25°2271

73.	4.21	3	10 30 28.858	25 43 46.68	Z.C. δ 46″.6
74.	4.13	3	28.732	46.58	
77.	4.24	3	28.744	46.66	

5422 9.0 3.3123 −0.0178 −18.544 −0.176 25°2272

74.	4.13	2	10 30 30.075	25 14 28.18	+ 5′
74.	4.23	3	30.081	27.50	
75.	4.13	3	30.004	28.10	
78.	4. 5	3	30.030	27.11	

5423 9.0 3.3120 −0.0178 −18.545 −0.176 25°2273

73.	3. 4	2	10 30 30.966	25 13 23.79	v. ft.
74.	4.23	3	30.611	23.13	
75.	4.13	2	30.894	23.23	
78.	4. 5	2	30.851	22.51	

5424 $9^{m}.1$ $3^{s}.3647$ $-0^{s}.0217$ $-18''.546$ $-0''.179$ 29°2066

90. 4.16	2	$10^{h}30^{m}33^{s}.336$	29° 53′ 28″.39	Z.C. δ29″.1
92. 4. 5	2	33.468	29.74	

5425 9.2 3.3155 −0.0181 −18.547 −0.176 25°2275

77. 4.24	1	10 30 35.442	25 34 2.09	ex. ft.
79. 4.26	3	35.359	3.15	Z.C. δ2″.9
80. 4.16	3	35.420	2.08	
83. 4. 7	3	35.460	5.35	
83. 4.10	3	35.296	2.01	

5426 9.0 3.3087 −0.0176 −18.547 −0.176 25°2274

85. 4.17	7	10 30 35.412	24 56 30.33	
85. 4.18	7	35.428	31.02	
85. 4.20	7	35.443	32.67	

5427 9.4 3.3129 −0.0179 −18.564 −0.175 25°2276

86. 3.23	3	10 31 4.858	25 26 23.13	v. ft.
87. 4.19	7	4.914	22.43	

5428 8.8 3.3202 −0.0185 −18.566 −0.175 26°2106

73. 4. 1	3	10 31 8.459	26 7 45.59	
73. 4.25	3	8.536	44.20	
74. 4.28	3	8.647	44.10	
75. 4.14	3	8.363	44.09	
77. 4.14	3	8.727	45.19	
77. 4.14	2	8.487	44.76	
78. 4.11	3	8.550	44.58	
78. 4.11	3	8.550	45.24	

5429 8.8 3.3146 −0.0181 −18.568 −0.175 25°2277

73. 4.21	3	10 31 12.821	25 38 4.31	
79. 4.26	2	12.751	4.67	
87. 4.23	7	12.811	3.74	

5430 8.5 3.3324 −0.0194 −18.569 −0.176 27°1914

73. 3.28	3	10 31 13.956	27 15 27.08	
73. 4. 9	3	14.148	27.83	
76. 4.28	3	14.102	26.10	

5431 8.6 3.3653 −0.0219 −18.572 −0.177 30°2043

85. 4.13	6	10 31 19.673	30 8 55.16	
85. 4.21	7	19.646	55.99	+ 5′
87. 4.25	7	19.821	55.24	

5432 8.4 3.3239 −0.0188 −18.580 −0.174 26°2109

94. 3.20	7	10 31 34.870	26 33 52.02	
94. 4. 2	7	34.821	51.29	

5433 9.5 3.3033 −0.0174 −18.590 −0.173 — —

74. 4.23	3	10 31 52.093	24 43 47.69	†

5434 9.4 3.3439 −0.0204 −18.593 −0.174 28°1913

73. 4.19	2	10 31 58.850	28 28 29.67	
76. 4. 7	3	59.037	28.74	v. ft.
77. 4.10	3	58.873	30.10	v. ft.
77. 4.16	3	59.228	31.26	

5435 9.2 3.3311 −0.0195 −18.594 −0.174 27°1916

74. 4.27	3	10 32 0.650	27 19 54.13	
92. 4. 5	4	0.759	52.87	

5436 $9^{m}.5$ $3^{s}.3516$ $-0^{s}.0210$ $-18''.596$ $-0''.175$ 29°2070

75. 4. 6	3	$10^{h}32^{m}\ 3^{s}.259$	29° 9′ 48″.42	
75. 4.22	3	3.292	47.66	
76. 4. 8	3	3.438	47.67	ex. ft.

5437 8.6 3.3593 −0.0216 −18.598 −0.176 29°2071

73. 3.21	1	10 32 6.266	29 50 59.39	Z.C. δ59″.3
77. 4.19	3	6.416	59.61	
87. 4.27	7	6.378	58.88	

5438 8.6 3.3208 −0.0187 −18.598 −0.173 26°2110

73. 4. 1	3	10 32 6.622	26 25 1.97	
73. 4.25	3	6.458	0.42	
74. 4.28	3	6.598	0.23	
75. 4.14	3	6.503	0.40	
93. 4. 5	7	6.471	0.80	
93. 4. 6	7	6.645	1.25	

5439 9.5 3.3237 −0.0190 −18.609 −0.173 26°2111

94. 3. 2	7	10 32 27.556	26 46 40.02	
94. 4. 3	7	27.960	41.79	

5440 8.1 3.3528 −0.0212 −18.612 −0.174 29°2073

73. 3.21	3	10 32 33.350	29 24 3.26	
75. 4. 6	3	33.359	3.35	
75. 4.22	3	33.192	2.86	

5441 8.4 3.3284 −0.0194 −18.619 −0.172 27°1917

73. 3.28	3	10 32 46.172	27 17 14.46	
73. 4. 9	3	46.271	13.51	
74. 4.27	3	46.264	14.16	
76. 4.28	3	46.294	13.44	

5442 9.3 3.3291 −0.0195 −18.628 −0.172 27°1918

73. 4. 9	3	10 33 2.650	27 24 58.41	
78. 4.24	3	2.613	57.72	
79. 4.19	3	2.743	56.74	

5443 8.7 3.3228 −0.0190 −18.632 −0.172 26°2113

73. 4. 1	3	10 33 9.494	26 51 29.54	
73. 4.25	3	9.611	26.97	
74. 4.28	3	9.625	28.56	
78. 4. 5	3	9.533	28.89	

5444 9.3 3.3232 −0.0190 −18.635 −0.172 27°1919

83. 4. 7	3	10 33 15.389	26 55 30.57	
83. 4.14	3	15.159	27.03	

5445 8.9 3.3422 −0.0205 −18.636 −0.172 28°1914

73. 4.19	3	10 33 17.847	28 40 1.59	Z.C. δ2″.0
85. 4.17	6	17.784	1.41	§
90. 4.22	7	17.894	2.40	

5446 8.9 3.3418 −0.0205 −18.640 −0.172 28°1915

73. 4.19	3	10 33 25.145	28 39 42.32	
85. 4.18	7	24.955	41.69	
85. 4.20	7	24.943	42.27	
91. 4.23	7	24.990	43.15	

5447 6.7 3.3364 −0.0201 −18.640 −0.171 28°1916

76. 4. 7	3	10 33 25.725	28 10 35.41	
77. 4.10	3	25.609	33.62	
83. 4.25	3	25.718	35.93	
85. 4.13	5	25.649	32.56	

5448	$8^{m}.6$	$3^{s}.3516$	$-0^{s}.0213$	−18″.652	−0″.171	29°2077
76.	4. 8	3	$10^{h}\,33^{m}\,47^{s}.888$	29° 37′ 45″.63		Z.C. δ 45″.2
77.	4.19	3	47.908	45.38		
87.	4.23	7	47.893	44.65		
5449	9.5	3.3287	−0.0196	−18.655	−0.170	27°1920
73.	3.28	3	10 33 53.163	27 35 37.25		
90.	4.11	5	53.344	36.79		w. 2.3−1^{s}
5450	9.4	3.2983	−0.0173	−18.655	−0.168	24°2258
74.	4.23	3	10 33 53.497	24 44 12.75		
94.	4.10	7	53.322	11.44		
94.	4.26	7	52.977	12.45		§
5451	7.5	3.3151	−0.0186	−18.657	−0.169	26°2116
75.	4.14	3	10 33 57.165	26 21 4.50		+ 1 int.
76.	3.31	3	57.127	2.95		
79.	4.18	3	57.256	2.67		
79.	4.24	3	57.258	4.14		
5452	9.3	3.3210	−0.0190	−18.658	−0.169	27°1921
83.	4.14	3	10 33 58.864	26 54 42.91		
86.	3.23	5	59.073	42.96		
87.	4.19	5	59.347	44.13		v. ft. bad
5452^{a}	9.0	3.2984	−0.0174	−18.668	−0.167	24°2259
96.	2.11	7	10 34 16.402	24 50 35.66		
96.	3. 4	7	16.503	38.24		
96.	3.16	7	16.436	36.40		
5453	8.2	3.3455	−0.0209	−18.668	−0.170	29°2078
80.	4.16	3	10 34 17.506	29 13 38.03		
82.	4.24	3	17.572	37.89		
83.	4.10	3	17.555	38.63		
5454	8.0	3.3207	−0.0191	−18.679	−0.168	27°1923
83.	4. 7	3	10 34 38.551	27 2 60.69		
83.	4. 9	3	38.669	57.57		
5455	9.4	3.3194	−0.0191	−18.681	−0.168	27°1924
79.	4.19	2	10 34 42.104	26 57 11.82		ex. ft.
92.	4. 6	4	42.161	12.66		
5456	8.2	3.3303	−0.0199	−18.682	−0.169	28°1917
85.	4.21	7	10 34 42.703	27 57 42.80		
87.	4.25	7	42.933	41.67		
91.	4.25	7	42.687	41.72		
5457	9.1	3.3471	−0.0212	−18.683	−0.170	29°2081
75.	4. 6	3	10 34 45.088	29 29 22.12		
77.	4.19	3	45.116	22.19		
83.	4.17	3	45.066	22.03		
5458	9.1	3.3317	−0.0200	−18.685	−0.168	28°1918
83.	4.25	3	10 34 48.867	28 7 28.00		
84.	4. 2	6	48.961	27.24		
84.	4.24	4	48.962	25.73		
5459	9.0	3.2988	−0.0175	−18.686	−0.166	25°2282
75.	4.13	3	10 34 51.647	25 1 24.68		
84.	4. 5	4	51.562	24.70		
87.	4.27	7	51.734	24.34		

5460	$9^{m}.2$	$3^{s}.3093$	$-0^{s}.0183$	−18″.688	−0″.167	26°2119
79.	4.18	3	$10^{h}\,34^{m}\,54^{s}.781$	26° 2′ 59″.12		
84.	4.18	3	54.662	61.23		
5461	8.5	3.3119	−0.0186	−18.692	−0.167	26°2120
78.	4. 5	3	10 35 2.003	26 19 25.87		
83.	4.14	3	1.877	28.00		
84.	4.22	3	1.634	26.90		
85.	4.13	5	1.881	26.41		
5462	8.8	3.3261	−0.0196	−18.694	−0.169	27°1925
79.	4.19	2	10 35 5.811	27 40 29.85		+ 10^{s}
83.	4.10	3	5.591	30.74		
85.	4.17	5	5.624	29.68		
5463	8.2	3.3469	−0.0212	−18.703	−0.168	29°2083
80.	4.16	3	10 35 22.997	29 39 9.54		
84.	4. 9	3	22.974	9.13		
5464	9.4	3.2962	−0.0174	−18.706	−0.165	25°2283
75.	4.13	3	10 35 29.626	24 55 38.06		
92.	4.11	3	29.482	41.43		− 1^{s}
5465	9.5	3.2963	−0.0174	−18.708	−0.165	25°2284
82.	4.24	2	10 35 33.358	24 57 29.48		† v. ft.
5466	9.5	3.3503	−0.0216	−18.714	−0.168	30°2059
94.	4. 4	5	10 35 45.151	30 3 3.22		
94.	4. 5	5	44.964	3.89		
94.	4.18	7	45.006	1.14		
94.	4.21	7	44.858	1.30		
5467	9.0	3.3003	−0.0177	−18.715	−0.165	25°2285
85.	4.18	6	10 35 45.852	25 23 16.55		Z.C. α $45^{s}.88$
85.	4.20	6	45.902	17.49		
5468	8.0	3.3429	−0.0211	−18.722	−0.166	29°2084
84.	4. 5	5	10 35 58.546	29 28 11.11		
84.	4.24	5	58.687	11.15		
5469	8.8	3.3039	−0.0180	−18.723	−0.165	25°2286
84.	4. 9	3	10 36 0.543	25 48 14.12		
85.	4.27	7	0.581	12.06		
86.	3.23	7	0.547	14.99		
5470	5.3	3.3158	−0.0190	−18.727	−0.165	27°1927
79.	4.19	2	10 36 9.685	26 58 51.60		
83.	4. 9	3	9.754	53.37		
5471	9.5	3.3347	−0.0205	−18.728	−0.166	28°1921
81.	4. 9	3	10 36 10.518	28 45 46.74		ex. ft. bad
94.	4. 3	6	10.894	51.30		
5472	9.2	3.3053	−0.0182	−18.730	−0.165	26°2122
84.	4.18	2	10 36 14.311	26 0 17.59		
90.	4.16	7	14.043	17.91		
5473	7.5	3.3485	−0.0216	−18.730	−0.167	30°2060
83.	4.17	3	10 36 14.800	30 2 13.16		
84.	4.22	7	14.885	14.82		−5′

5474 9^{m}.1 3^{s}.3000 −0^{s}.0178 −18″.734 −0″.164 25°2287
92. 4. 4 7 10^{h} 36^{m} 23^{s}.209 25° 30′ 52″.90
93. 4. 5 7 23.095 53.34

5475 8.9 3.3088 −0.0185 −18.740 −0.164 26°2123
79. 4.18 2 10 36 34.091 26 25 7.33 + 1′
85. 4.21 6 33.803 7.17

5476 7.9 3.3398 −0.0210 −18.740 −0.165 29°2087
75. 4. 6 3 10 36 34.334 29 20 35.80
85. 4.28 7 34.611 35.25
92. 4. 5 7 34.575 34.45

5477 9.2 3.2995 −0.0179 −18.747 −0.163 25°2288
80. 4.16 3 10 36 47.051 25 34 24.55
83. 4.14 3 47.171 25.12

5478 8.5 3.3247 −0.0198 −18.754 −0.164 28°1923
84. 4. 5 2 10 37 0.737 28 3 33 50
84. 4.24 2 0.954 34.29

5479 9.1 3.3170 −0.0193 −18.755 −0.163 27°1929
79. 4.19 1 10 37 3.249 27 20 25.48
83. 4.10 3 3.130 26.14
85. 4.13 5 3.112 25.46

5480 9.1 3.2995 −0.0179 −18.765 −0.162 25°2289
85. 4.17 6 10 37 22.622 25 44 8.88
92. 4. 6 7 22.569 9.98

5481 8.7 3.2972 −0.0178 −18.779 −0.161 25°2290
83. 4. 7 3 10 37 49.284 25 37 13.35
83. 4. 9 2 49.454 10.61
84. 4. 9 2 49.369 9.12

5482 9.1 3.2979 −0.0179 −18.783 −0.161 25°2291
80. 4.16 3 10 37 56.851 25 43 27.41
83. 4.14 3 56.696 28.71
84. 4.18 2 56.984 28.13

5483 8.4 3.3445 −0.0217 −18.784 −0.163 30°2062
85. 4.18 6 10 37 58.476 30 10 19.28
85. 4.20 7 58.527 19.85

5484 8.8 3.2894 −0.0173 −18.792 −0.160 25°2293
74. 4.23 3 10 38 15 193 24 56 30.74
79. 4.26 1 15.371 31.24
83. 4.10 3 15.272 31.89
85. 4.27 7 15.241 29.99

5485 9.4 3.3145 −0.0193 −18.804 −0.160 27°1931
73. 3.28 3 10 38 39.268 27 32 26.88
78. 4.24 1 39.470 25.88 − 1^{m} clds.
80. 4.23 2 39.407 25.78
80. 4.26 2 39.561 24.91 ex. ft.

5486 8.5 3.3253 −0.0202 −18.809 −0.160 28°1925
73. 4.19 3 10 38 48.074 28 37 16.31 Z.C. δ 16″.4
76. 4. 7 3 48.216 16.23
77. 4.10 3 48.181 16.54

5487 8^{m}.9 3^{s}.2898 −0^{s}.0174 −18″.810 −0″.158 25°2295
73. 4.18 2 10^{h} 38^{m} 51^{s}.101 25° 8′ 23″.29
73. 4.21 3 50.937 23.48
74. 4.13 3 50.906 23.22
77. 4.24 3 50.907 24.06

5488 8.4 3.2996 −0.0183 −18.821 −0.158 26°2125
74. 4.28 3 10 39 12.819 26 13 25.93
75. 4.14 3 12.715 26.02
79. 4.18 3 12.872 25.97

5489 8.2 3.3014 −0.0184 −18.824 −0.158 26°2126
85. 4.13 6 10 39 17.607 26 25 3.73
85. 4.21 7 17.611 4.75

5490 8.5 3.2994 −0.0183 −18.828 −0.157 26°2128
73. 4.25 3 10 39 26.938 26 16 14 27
75. 4.14 3 26.844 13.62

5491 9.0 3.3033 −0.0186 −18.828 −0.158 26°2127
79. 4.24 3 10 39 27.145 26 39 31.68
92. 4. 4 7 27.254 32.14

5492 9.4 3.3299 −0.0208 −18.833 −0.159 29°2088
91. 4.23 7 10 39 36.115 29 17 20.12
92. 4. 5 7 36.058 20.34
94. 4.10 7 35.681 20.73
94. 4.18 7 35.827 20.66
94. 4.21 7 35.916 20.35

5493 8.5 3.2887 −0.0175 −18.834 −0.157 25°2297
74. 4.23 2 10 39 37.659 25 14 1.83
75. 4.13 3 37.891 3.24
82. 4.24 3 37.849 0.90

5494 9.0 3.3030 −0.0186 −18.835 −0.158 26°2129
85. 4.17 7 10 39 39.719 26 40 56.69
85. 4.28 7 39.791 56.95

5495 8.8 3.2895 −0.0176 −18.835 −0.157 25°2298
79. 4.26 2 10 39 41.369 25 19 45.94
83. 4. 7 3 41.334 49.03

5496 8.8 3.2838 −0.0171 −18.844 −0.156 — —
77. 4.24 3 10 39 57.521 24 48 54.52 Z.C. δ 54″.6
83. 4.14 3 57.254 54.74

5497 8.5 3.2836 −0.0171 −18.844 −0.156 24°2269
73. 4.21 3 10 39 58.325 24 48 14.82
83. 4 14 2 58.187 15.69 + 1′

5498 9.4 3.3060 −0.0189 −18.847 −0.157 27°1935
73. 4. 9 3 10 40 4.526 27 5 40.44
85. 4.18 6 4.519 38.57
85. 4.20 7 4.613 40.30

5499 9.5 3.3237 −0.0204 −18.851 −0.158 28°1927
73. 4.19 3 10 40 11.770 28 51 57.86 ft.
77. 4.10 3 11.614 56.16
77. 4.16 3 11.747 56.19

5500 8.9 3.3004 −0.0185 −18.853 −0.156 26°2130
73. 4. 1 3 10 40 15.575 26 36 10.59
79. 4.18 3 15.776 9.35
80. 4.30 2 15.762 8.91

5501	$9^{m}.1$	$3^{s}.3019$	$-0^{s}.0186$	$-18''.854$	$-0''.156$	26°2131
79.	4.24	3	$10^{h}40^{m}18^{s}.837$	$26°\ 44'\ 40''.33$		
80.	4.16	3	18.678	40.94		
83.	4.17	1	18.902	39.77		
5502	8.9	3.3243	−0.0205	−18.857	−0.157	29°2090
73.	3.21	3	10 40 25.458	28 58 44.24		
75.	4.22	3	25.324	42.18		
78.	4.27	3	25.308	42.82		
5503	7.4	3.3095	−0.0193	−18.860	−0.155	27°1936
73.	3.28	3	10 40 30.773	27 34 7.65		
74.	4.27	3	30.606	8.01		
76.	4.28	3	30.845	7.68	w. 2 − 1^{s}	
5504	9.4	3.2936	−0.0181	−18.873	−0.154	26°2132
73.	4.25	3	10 40 56.249	26 5 17.92		
75.	4.14	3	56.259	18.44		
80.	4.23	3	56.571	18.59		
5505	9.0	3.2823	−0.0171	−18.873	−0.154	25°2299
75.	4.13	3	10 40 57.244	24 55 27.51		
82.	4.24	3	57.626	26.02		
83.	4. 7	3	57.543	30.20		
5506	8.7	3.2934	−0.0181	−18.879	−0.154	26°2133
73.	4.25	3	10 41 9.306	26 7 13.03		
79.	4.18	3	9.078	11.81		
85.	4 13	7	9.002	12.76		
5507	9.4	3.2978	−0.0185	−18.887	−0.153	26°2134
73.	4. 1	3	10 41 24.486	26 39 27.58		
83.	4. 9	3	24.459	27.41		
84.	4. 5	7	24.530	25.64		
84.	4. 9	7	24.668	27.11		
5508	9.2	3.3293	−0.0212	−18.903	−0.154	30°2071
75.	4.22	3	10 41 58.063	29 55 51.05	Z.C. δ $51''.9$	
77.	4.19	3	58.071	51.60		
87.	4.19	7	58.131	52.98		
5509	6.5	3.3305	−0.0214	−18.906	−0.154	30°2072
85.	4.17	7	10 42 3.306	30 4 35.16		
85.	4.18	7	3.304	36.54		
85.	4.20	7	3.316	36.85		
5510	9.3	3.3293	−0.0213	−18.909	−0.154	30°2073
75.	4.22	2	10 42 9.351	29 59 16.77		
85.	4.28	7	9.698	17.88		
87.	4.23	7	9.710	16.97		
5511	8.5	3.3037	−0.0191	−18.909	−0.152	27°1938
73.	3.28	3	10 42 9.556	27 27 49.31		
73.	4. 9	3	9.816	48.17		
74.	4.27	3	9.553	48.93		
76.	4.28	2	9.887	48.48	ex. ft.	
5512	9.5	3.2872	−0.0178	−18.912	−0.152	25°2302
73.	4.21	3	10 42 16.826	25 47 59.92		
75.	4.13	3	16.920	60.64		
78.	4. 5	3	16.971	60.28	v. ft.	
5513	$9^{m}.0$	$3^{s}.2922$	$-0^{s}.0182$	$-18''.915$	$-0''.151$	26°2135
79.	4.24	3	$10^{h}42^{m}23^{s}.525$	$26°\ 21'\ 0''.18$		
85.	4.27	7	23.434	1.01		
86.	5. 1	7	23.357	0.91		
5514	6.3	3.3129	−0.0200	−18.934	−0.151	28°1931
73.	4.19	3	10 43 1.396	28 37 59.69		
76.	4. 7	3	1.322	59.39		
77.	4.10	3	1.501	59.49		
77.	4.16	3	1.373	60.82		
5515	9.0	3.2880	−0.0181	−18.944	−0.149	26°2136
73.	4. 1	3	10 43 22.766	26 12 20.81		
73.	4.25	3	22.992	20.96		
75.	4.14	3	22.768	20.43		
5516	8.9	3.3127	−0.0202	−18.949	−0.150	28°1933
73.	4.19	3	10 43 33.701	28 47 9.07		
76.	4. 7	3	33.706	9.11		
77.	4.10	3	33.754	8.26		
5517	8.7	3.2968	−0.0188	−18.950	−0.149	27°1942
73.	3.28	3	10 43 36.213	27 10 19.45		
73.	4. 9	3	36.262	19.16		
74.	4.27	3	36.243	19.73		
5518	9.4	3.3150	−0.0203	−18.952	−0.150	— —
82.	4.24	2	10 43 38.994	29 2 6.82		†
5519	7.7	3.2883	−0.0181	−18.952	−0.149	26°2137
79.	4.18	3	10 43 39.949	26 18 11.31		
79.	4.24	3	39.797	11.03		
79.	5. 3	3	39.789	11.66		
5520	9.1	3.2835	−0.0177	−18.957	−0.148	25°2305
73.	4.21	3	10 43 49.779	25 49 44.43		
74.	4.23	3	49.712	44.18		
75.	4.13	3	49.851	45.44		
5521	9.5	3.3130	−0.0203	−18.969	−0.148	29°2095
84.	4. 5	2	10 44 15.495	29 1 46.05	ex. ft.	
95.	3.21	4	15 555	48.63	v. ft. [v. ft.	
95.	3.25	7	15.776	47.14	w. 1 to 5 + 1^{s}	
5522	9.1	3.2896	−0.0184	−18.969	−0.147	26°2138
73.	4. 1	3	10 44 16.099	26 37 39.10		
73.	4.25	3	16.195	38.99		
75.	4.14	3	16.103	38.37		
79.	4.18	3	16.343	38.17		
5523	8.3	3.2754	−0.0172	−18.969	−0.146	25°2306
73.	4.18	3	10 44 16.614	25 6 47.37		
74.	4.13	3	16.398	46.70		
77.	4.24	3	16.442	47.36		
5524	8.9	3.2866	−0.0181	−18.970	−0.147	26°2139
79.	4.24	3	10 44 18.115	26 18 10.90		
79.	5. 3	3	18.151	11.77		
5525	9.1	3.3140	−0.0204	−18.972	−0.148	29°2096
75.	4.22	3	10 44 20.840	29 9 17.84		
77.	4.19	3	20.838	18.71		
85.	4.13	5	20.728	17.35		

5526	$8^{m}.3$	$3^{s}.3204$	$-0^{s}.0210$	$-18''.981$	$-0''.148$	30°2079
	73. 3.21	3	$10^{h}44^{m}41^{s}.611$	29° 54′ 34″.01		
	73. 4.23	2	41.641	33.48		
	79. 4.28	3	41.593	33.46		
5527	9.5	3.3041	−0.0196	−18.982	−0.148	28°1936
	84. 4. 9	3	10 44 42.181	28 14 32.78		
	87. 4.19	7	42.175	34.55		
5528	9.0	3.3007	−0.0194	−18.986	−0.147	28°1937
	85. 4.17	7	10 44 51.728	27 57 31.67		
	85. 4.18	7	51.735	32.58		
	85. 4.20	6	51.726	33.55		
5529	9.5	3.2761	−0.0174	−18.993	−0.145	25°2307
	73. 4.21	3	10 45 5.684	25 24 33.01		
	74. 4.23	2	5.665	34.23		
5530	9.5	3.2917	−0.0187	−18.994	−0.146	27°1946
	73. 3.28	3	10 45 8.999	27 5 50.31		
	73. 4. 9	3	9.256	49.65		
5531	9.5	3.3105	−0.0204	−18.998	−0.146	29°2098
	75. 4.22	3	10 45 17.116	29 5 40.52		
	80. 4.16	3	17.316	40.45		
	83. 4.25	2	17.491	41.74		
5532	9.5	3.2910	−0.0187	−19.004	−0.145	27°1948
	73. 4. 9	2	10 45 29.813	27 7 37.64		† v.ft.
5533	9.4	3.3008	−0.0196	−19.006	−0.146	28°1940
	84. 4. 5	1	10 45 35.080	28 10 57.88		ex. ft.
	85. 4.28	5	35.096	59.17		ex. ft.
	87. 4.23	7	35.217	57.57		
5534	9.4	3.2871	−0.0184	−19.007	−0.145	26°2142
	73. 4. 1	3	10 45 36.608	26 44 41.02		
	73. 4.25	3	36.661	41.21		
	74. 4.28	3	36.531	42.13		
	75. 4.14	3	36.473	41.71		
5535	9.1	3.3066	−0.0201	−19.011	−0.145	28°1942
	77. 4.10	3	10 45 44.478	28 49 58.38		
	77. 4.16	3	44.577	59.73		
5536	9.4	3.2867	−0.0184	−19.011	−0.144	26°2143
	73. 4. 1	3	10 45 44.857	26 44 36.10		
	73. 4.25	3	44.640	34.51		
	75. 4.14	1	44.533	34.98		
5537	9.3	3.2773	−0.0176	−19.013	−0.144	25°2308
	75. 4.13	3	10 45 49.535	25 44 54.03		
	82. 4.24	3	49.844	51.98		
	83. 4.14	3	49.578	54.19		
5538	8.6	3.3197	−0.0213	−19.013	−0.145	30°2081
	85. 4.21	7	10 45 49.892	30 11 31.97		
	85. 4.27	7	49.960	31.12		
	86. 5. 1	5	49.939	31.47		

5539	$8^{m}.5$	$3^{s}.2815$	$-0^{s}.0180$	$-19''.016$	$-0''.143$	26°2144
	79. 5. 3	3	$10^{h}45^{m}55^{s}.520$	26° 13′ 28″.13		
	85. 4.13	6	55.424	27.39		
	86. 4. 6	7	55.512	27.33		
	86. 4. 9	7	55.402	26.64		
5540	7.8	3.3030	−0.0198	−19.017	−0.145	28°1945
	76. 4. 7	3	10 45 57.975	28 31 39.08		
	78. 4.24	3	57.702	39.43		clds.
	79. 4.28	3	57.807	39.06		
5541	9.5	3.3121	−0.0207	−19.028	−0.144	29°2101
	73. 3 21	3	10 46 22.605	29 36 17.69		
	73. 4.23	3	22.490	18.34		
	90. 4.16	5	22.414	18.85		
5542	9.5	3.2884	−0.0187	−19.029	−0.143	27°1950
	73. 3.28	3	10 46 24.567	27 7 39.64		
	73. 4. 9	1	24.813	38.85		
	79. 4.24	3	24.799	37.00		
5543	9.3	3.2953	−0.0193	−19.034	−0.144	28°1947
	73. 4.19	1	10 46 35.583	27 55 42.34		
	76. 4. 7	3	35.706	41.98		
	80. 4.16	3	35.869	42.86		
5544	8.9	3.3040	−0.0201	−19.034	−0.144	28°1946
	73. 4.19	3	10 46 35.686	28 50 18.80		Z.C. δ 19″.1
	78. 4.24	1	36.038	19.39		clds.
	79. 4.28	3	35.792	19.74		
	79. 5. 1	3	35.882	18.28		v. ft.
5545	7.0	3.2852	−0.0184	−19.039	−0.142	26°2145
	74. 4.28	3	10 46 45.861	26 52 20.30		
	79. 4.18	3	45.840	20.10		
	79. 4.24	3	45.998	19.36		
5546	9.0	3.2822	−0.0183	−19.059	−0.141	26°2146
	93. 4. 5	7	10 47 29.984	26 47 12.82		
	93. 4. 6	6	30.187	13.66		
5547	8.4	3.3078	−0.0206	−19.063	−0.142	29°2102
	73. 3.21	3	10 47 38.954	29 34 25.04		
	73. 4.23	3	38.746	24.19		
	75. 4.22	3	38.870	23.20		
5548	9.5	3.3039	−0.0203	−19.065	−0.142	29°2103
	80. 4.16	3	10 47 43.374	29 11 1.79		
	83. 4.25	3	43.526	4.79		v. ft.
	85. 4.17	6	43.178	1.06		
5549	6.3	3.2754	−0.0178	−19.070	−0.139	26°2147
	73. 4.25	3	10 47 54.593	26 9 19.58		
	74. 4.28	3	54.679	20.73		
	75. 4.14	3	54.607	20.27		
5550	9.0	3.2859	−0.0188	−19.072	−0.140	27°1951
	73. 3.28	3	10 47 57.943	27 19 53.93		
	74. 4.27	3	58.026	53.90		
	79. 4.19	3	58.145	52.58		
	79. 5. 1	3	58.197	53.05		

5551 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.2676$ $-0^{\mathrm{s}}.0172$ $-19''.082$ $-0''.138$ 25°2312

73.	4.18	3	$10^{\mathrm{h}}48^{\mathrm{m}}20^{\mathrm{s}}.304$	25° 23′ 39″.06	
73.	4.21	3	20.390	39.27	
74.	4.23	3	20.311	38.42	

5552 9.2 3.2990 −0.0200 −19.086 −0.140 29°2104

73.	4.23	3	10 48 28.854	28 55 22.60	Z.C. δ 22″.1
92.	3.23	1	28.896	20.33	
92.	4. 4	7	28.925	23.34	haze. ex. ft.

5553 9.3 3.3024 −0.0203 −19.086 −0.139 29°2105

91.	4.17	4	10 48 30.737	29 17 7.40	v. ft.
91.	4.23	6	30.409	7.29	
91.	4.25	4	30.763	8.65	v. ft.

5554 4.0 3.2663 −0.0172 −19.095 −0.137 25°2314

73.	4.18	3	10 48 50.598	25 24 57.65	Z.C. δ 57″.6
73.	4.21	3	50.885	57.18	d.p.
74.	4.23	3	50.456	56.94	d. p.
77.	4.24	3	50.531	58.68	d.n. p.

5555 9.4 3.2682 −0.0173 −19.098 −0.137 25°2315

75.	4.13	3	10 48 55.293	25 39 33.65	
79.	4.26	2	55.272	32.53	v. ft.
83.	4.10	3	55.463	31.42	

5556 9.5 3.2694 −0.0175 −19.100 −0.137 25°2316

74.	4.13	3	10 49 0.918	25 48 39.04	
82.	4.24	2	1.406	39.26	
83.	4.14	3	0.936	39.83	
83.	4.25	3	1.122	40.47	v. ft.

5557 8.9 3.2733 −0.0179 −19.108 −0.137 26°2148

73.	4. 1	3	10 49 18.254	26 21 25.93	
80.	4.29	3	18.185	24.60	
85.	4.13	7	17.968	23.83	
85.	4.18	7	17.978	23.99	
85.	4.20	7	18.027	25.17	

5558 9.5 3.2739 −0.0179 −19.110 −0.137 26°2149

74.	4.28	3	10 49 22.764	26 26 41.72	
85.	4.21	7	22.789	42.31	

5559 8.4 3.2912 −0.0195 −19.113 −0.137 28°1952

73.	4.19	3	10 49 30.963	28 24 38.33	†
77.	4.10	3	30.776	37.32	
77.	4.16	3	30.792	38.06	
79.	5. 1	3	30.727	37.19	
79.	5. 5	3	30.561	37.85	

5560 7.0 3.2703 −0.0177 −19.121 −0.135 26°2152

73.	4. 1	2	10 49 47.529	26 10 2.58	
73.	4.25	3	47.133	1.60	
79.	4.24	3	47.419	1.97	

5561 9.5 3.2950 −0.0200 −19.127 −0.136 29°2107

75.	4.22	3	10 50 1.173	28 59 13.83	
80.	4.16	3	1.257	12.34	
83.	4.10	3	1.160	10.71	

5562 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.2838$ $-0^{\mathrm{s}}.0190$ $-19''.131$ $-0''.135$ 27°1955

73.	3.28	3	$10^{\mathrm{h}}50^{\mathrm{m}}11^{\mathrm{s}}.784$	27° 49′ 20″.29	
73.	4. 9	3	11.845	19.63	
79.	4.19	3	11.956	18.79	
80.	4.26	3	11.789	19.02	
82.	4.27	3	11.944	19.82	

5563 8.8 3.2998 −0.0205 −19.134 −0.136 29°2108

73.	3.21	3	10 50 17.210	29 36 40.44	
75.	4.22	3	17.429	39.59	
77.	4.19	3	17.274	38.64	
79.	4.28	3	17.229	39.17	

5564 9.5 3.2969 −0.0202 −19.135 −0.136 29°2109

90.	4.11	7	10 50 19.357	29 17 59.97	
90.	4.16	7	19.351	63.11	
90.	4.22	7	19.614	60.94	

5565 8.6 3.2667 −0.0176 −19.136 −0.134 26°2153

73.	4.25	3	10 50 22.865	25 56 25.41	
74.	4.28	3	22.889	25.34	
75.	4.14	3	22.793	24.62	

5566 9.0 3.2693 −0.0177 −19.138 −0.134 26°2154

74.	4.28	1	10 50 26.717	26 15 3.29	
79.	4.26	3	26.960	3.57	
80.	4.23	3	26.870	3.49	
80.	4.29	2	26.876	1.84	
80.	4.30	3	26.766	3.77	
80.	5. 1	3	26.845	2.67	

5567 7.7 3.2568 −0.0166 −19.139 −0.134 24°2291

73.	4.18	3	10 50 30.041	24 48 31.03	
73.	4.21	3	30.156	31.18	
74.	4.13	3	30.017	31.45	
74.	4.23	3	29.859	31.46	

5568 8.8 3.2586 −0.0169 −19.145 −0.134 25°2317

75.	4.13	3	10 50 43.028	25 5 21.38	
77.	4.24	2	43.156	19.97	
78.	4. 5	3	43.119	20.83	

5569 8.7 3.2724 −0.0182 −19.156 −0.133 26°2156

73.	4.25	3	10 51 9.450	26 49 39.45	
75.	4.14	3	9.249	40.10	
79.	4.24	3	9.624	39.09	

5570 9.5 3.2993 −0.0207 −19.159 −0.134 30°2091

73.	4.23	3	10 51 16.233	29 54 1.91	
92.	4. 5	4	16.382	1.56	

5571 7.8 3.2564 −0.0168 −19.162 −0.132 25°2319

73.	4.18	3	10 51 23.532	25 2 36.04	Z.C. Ep. 73.8
73.	4.21	3	23.627	36.20	
74.	4.13	3	23.490	36.42	
74.	4.23	3	23.440	37.82	

5572 8.3 3.2733 −0.0183 −19.165 −0.132 27°1960

73.	3.28	3	10 51 29.503	27 3 13.97	
73.	4. 9	3	29.500	14.64	
74.	4.27	3	29.519	14.31	

5573 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.2755$ $-0^{\mathrm{s}}.0186$ $-19''.171$ $-0''.132$ 27°1961

75. 4.20	3	$10^{\mathrm{h}}51^{\mathrm{m}}43^{\mathrm{s}}.622$	$27^{\circ}22'46''.18$	
80. 4.16	3	43.417	45.29	
82. 4.24	2	43.539	44.64	

5574 9.4 3.2738 −0.0185 −19.177 −0.131 27°1962

80. 4.26	2	10 51 58.437	27 16 39.52	- 1 int.
83. 4.14	1	58.840	42.38	ex. ft. bad
83. 4.17	2	58.580	38.80	v. ft. w. 1 + 1^{s} Z.C. δ $40''.2$

5575 8.3 3.2659 −0 0178 −19.178 −0.131 26°2159

73. 4. 1	3	10 51 59.250	26 21 40 05	
74. 4.28	3	59.143	37.90	
76. 3.31	3	59.119	37.47	

5576 9.1 3.2605 −0.0174 −19.192 −0.130 26°2160

85. 4.13	7	10 52 33.126	25 53 43.47	
85. 4.17	6	33.127	42.30	
85. 4.25	6	33.212	42.72	
85. 4.27	7	33.184	42.75	

5577 8.6 3.2850 −0.0197 −19.195 −0.131 28°1957

73. 4.19	3	10 52 40.998	28 47 42.88	
77. 4.10	3	40.768	42.38	
77. 4.16	3	40.823	42.60	

5578 9.4 3.2849 −0.0196 −19.199 −0.130 28°1958

73. 4.19	3	10 52 48.647	28 49 20.16	
92. 4. 4	4	48.808	21.19	haze

5579 8.5 3.2614 −0.0175 −19.201 −0.129 26°2161

73. 4. 1	3	10 52 53.821	26 6 32.34	c.d.p.
73. 4.25	3	53.759	29.90	d.p.
75. 4.14	3	53.638	30.02	d.s.p.
77. 5. 2	1	53.444	30.02	c.d.s.p.
79. 4.26	3	53.717	30.78	d.s.p.
79. 4.26	2	53.847	31.08	+ 1^{m}
79. 5. 3	3	53.743	30.03	c.d.s.p. Z.C. δ $30''.6$

5580 9.4 3.2687 −0.0182 −19.204 −0 129 27°1963

73. 3.28	3	10 53 0.919	27 1 6.98	
92. 4. 6	5	1.232	7.09	

5581 9.5 3.2584 −0.0173 −19.205 −0.129 25°2323

73. 4.18	3	10 53 3.136	25 47 60.99	
73. 4.21	3	2.982	59.72	
74. 4.23	3	2.960	60.58	

5582 8.6 3.2597 −0.0174 −19.205 −0.129 26°2163

74. 4.28	3	10 53 3.468	25 57 32.13	
79. 4.18	3	3.468	31.56	− 1 int.
79. 4.24	1	3.704	31.28	*

5583 9.1 3.2539 −0.0169 −19.206 −0.128 25°2324

85. 4.18	7	10 53 5.648	25 16 32.34	
85. 4.21	7	5.776	32.61	
85. 4.28	7	5.802	34.10	
85. 4.29	7	5.833	31.65	

5584 9.3 3.2686 −0.0182 −19.207 −0.129 27°1964

73. 3.28	2	10 53 7.690	27 2 3.25	
92. 4. 5	6	7.662	2.95	

5585 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.2834$ $-0^{\mathrm{s}}.0198$ $-19''.218$ $-0''.129$ — —

76. 4. 7	2	$10^{\mathrm{h}}53^{\mathrm{m}}35^{\mathrm{s}}.166$	$28^{\circ}56'28''.40$	†

5586 8.7 3.2582 −0.0174 −19.221 −0.128 26°2166

73. 4.25	3	10 53 41.801	26 0 2.19	
74. 4.28	2	41.832	2.24	
75. 4.14	3	41.656	1.44	
79. 4.24	3	41.947	1.88	

5587 8.9 3.2660 −0.0181 −19.225 −0.127 27°1965

73. 3.28	1	10 53 53.012	26 59 39.00	
73. 4. 9	3	52.788	38.48	
74. 4.27	3	52.831	38.14	
76. 4.28	3	52.996	37.92	
79. 4.19	3	52.832	37.06	
79. 5. 2	2	52.873	37.89	

5588 8.9 3.2691 −0.0184 −19.228 −0.127 27°1966

74. 4.30	3	10 53 58.221	27 23 28.88	
79. 4.19	2	58.493	26.96	
80. 4.29	3	58.562	27.09	
80. 4.30	3	58.425	28.26	

5589 7.9 3.2905 −0.0205 −19.228 −0.128 29°2110

73. 3.21	3	10 53 59.117	29 53 19.23	
73. 4.23	3	59.081	20.41	
74. 5. 2	3	59.243	18.57	
75. 4.22	2	59.284	19.46	
79. 4.28	3	59.189	20.45	
79. 4.28	2	59.099	20.22	

5590 8.9 3.2721 −0.0187 −19.228 −0.128 27°1967

80. 5. 1	3	10 53 59.605	27 46 6.57	
82. 4.27	3	59.609	6.64	

5591 8.1 3.2717 −0.0187 −19.233 −0.128 27°1968

73. 4. 9	3	10 54 10.404	27 48 8.39	
74. 4.27	3	10.379	7.46	
74. 4.30	2	10.434	7.70	
80. 4.26	3	10.399	7.90	
80. 4.29	2	10.357	7.22	
80. 4.30	2	10.498	7.57	
80. 5. 1	3	10.186	7.89	

5592 9.0 3.2730 −0.0189 −19.234 −0.128 28°1959

85. 4.17	5	10 54 13.439	27 56 24.37	
85. 4.25	5	13.617	24.56	
85. 4.27	5	13.599	25.61	

5593 8.5 3.2466 −0.0164 −19.234 −0.126 24°2300

74. 4.13	3	10 54 14.342	24 44 29.72	
75. 4.13	3	14.384	32.18	

5594 8.9 3.2555 −0.0173 −19.238 −0.126 26°2167

73. 4. 1	3	10 54 22.258	25 53 36.61	
73 4.25	2	22.393	33.40	
74. 4.28	1	22.108	36.15	
76. 3.31	3	22.284	35.39	

5595 9.2 3.2484 −0.0167 −19.247 −0.125 25°2325

73. 4.18	3	10 54 44.909	25 7 42.42	
73. 4.21	3	44.863	42.08	
74. 4.23	3	44.824	42.51	
77. 4.24	3	45.050	41.71	

5596 $9^{m}.0$ $3^{s}.2806$ $-0^{s}.0199$ $-19''.257$ $-0''.126$ 29°2112

73.	3.21	3	$10^{h}55^{m}10^{s}.449$	29° 11′ 12″.46	Z.C. δ 12″.0
73.	4.23	3	10.338	11.95	
74.	5. 2	3	10.349	11.36	
77.	4.19	3	10.253	12.37	

5597 8.4 3.2747 −0.0193 −19.261 −0.125 28°1961

73.	4.19	3	10 55 20.569	28 32 41.13	
77.	4.10	3	20.699	40.41	
77.	4.16	3	20.613	40.87	

5598 9.3 3.2541 −0.0175 −19.276 −0.122 26°2168

85.	4.21	6	10 55 56.646	26 14 33 11	
85.	4.27	5	56.811	33.05	
85.	4 28	7	56.717	33.54	
85.	4.29	7	56.713	31.66	

5599 9.5 3.2493 −0.0171 −19.279 −0.122 25°2330

73.	4.18	3	10 56 3.665	25 41 36.69	
75.	4.13	3	3.875	37.31	
90.	4.11	7	3.855	37.55	
90.	4.22	7	3.976	38.44	

5600 9.0 3.2539 −0.0175 −19.285 −0.122 26°2169

73.	4. 1	3	10 56 18.311	26 20 39.37	
74.	4.28	3	18.328	37.14	
79.	4.18	3	18.563	36.97	

5601 9.5 3.2491 −0.0171 −19.286 −0.121 25°2331

73.	4.21	3	10 56 20.648	25 45 15.96	
74.	4.13	3	20.649	14.70	
75.	4.13	3	20.744	17.77	

5602 9.2 3.2810 −0.0202 −19.286 −0.123 29°2115

73.	4.23	3	10 56 21.564	29 39 45.25	Z.C. δ 45″.0
75.	4.22	3	21.559	45.86	
77.	4.19	2	21.854	43.98	

5603 7.3 3.2803 −0.0202 −19.287 −0.123 29°2116

73	3.21	3	10 56 23 107	29 36 8.34	
73.	4.23	2	23.054	7.57	
74.	5 2	3	22.973	6.56	
75.	4.22	2	23.070	8.14	
79.	4.28	3	22.973	9.00	

5604 8.7 3.2602 −0.0181 −19.288 −0.122 27°1970

73.	3.28	3	10 56 25.300	27 9 50.56	
73.	4. 9	3	25.474	51.48	
74.	4.30	3	25 403	50.52	
75.	4.20	2	25.408	50.33	
79.	5. 1	3	25.488	49.54	

5605 8.6 3.2510 −0.0172 −19.290 −0.121 26°2170

73.	5. 1	3	10 56 32.353	26 3 48.66	
74.	4.28	1	32.119	49.34	
77.	5. 2	3	32.286	48.22	
85.	4.13	7	32.121	48.06	
85.	4.17	7	32.063	47.26	
86.	4. 9	7	32.184	46.40	

5606 $6^{m}.9$ $3^{s}.2528$ $-0^{s}.0175$ $-19''.302$ $-0''.120$ 26°2171

73.	4. 1	3	$10^{h}57^{m}\,0^{s}.804$	26° 26′ 49″.96	
73.	4.25	3	0.725	47.62	
77.	5. 2	3	0.556	48.21	
85.	4.18	7	0.578	48.85	
85.	4.20	7	0.567	49.66	
86.	4.29	7	0.755	48.28	
86.	4 30	7	0.580	47.31	

5607 9.5 3.2411 −0.0164 −19.307 −0.120 — —

74.	4.23	3	10 57 14.386	25 1 35.42	†

5608 9.1 3.2718 −0.0195 −19.316 −0.120 29°2117

73.	3.21	3	10 57 38.299	29 2 11.82	
74.	5. 2	3	38.149	10.67	
79.	4.28	3	38.075	12.25	

5609 9.0 3.2730 −0.0197 −19.318 −0.120 29°2118

85.	4.21	5	10 57 42.098	29 13 2.71	
85.	4.25	6	42.211	2.35	
85.	4.27	5	42.144	3.25	

5610 9.4 3.2767 −0 0201 −19.318 −0.120 29°2119

87.	4.19	3	10 57 43 588	29 40 22.68	
94.	4.18	7	42.988	20.32	

5611 8.0 3.2779 −0.0203 −19.320 −0.120 29°2120

74.	5. 2	3	10 57 47.549	29 50 44.97	Z.C. δ 45″.5
77.	4.19	3	47.781	45.55	
86.	5. 1	7	47.798	46.00	

5612 8.5 3.2663 −0.0191 −19.321 −0.119 28°1963

73.	4.19	3	10 57 48.981	28 26 17.22	
77.	4.10	3	48.879	16.45	
77.	4.16	3	48.991	17.02	
79.	5. 1	3	48.916	17.71	

5613 9.5 3.2396 −0.0164 −19.321 −0.118 25°2333

73.	4.21	2	10 57 49.941	25 1 23.24	
74.	4.23	3	49.632	22.91	+ 1′
82.	4.24	3	50.153	22.63	
83.	4.10	3	49.957	20.64	
83.	4.25	3	50.146	22.08	

5614 9.4 3.2452 −0.0170 −19.322 −0.118 25°2334

73.	4.18	3	10 57 52.447	25 47 34.25	Z.C. δ 31″.4
77.	4.24	3	52 588	31.47	ft.
80	4.29	3	52.443	30.53	
83.	4 17	1	52.506	29.45	

5615 9.5 3.2612 −0.0186 −19.323 −0.119 27°1971

73	3.28	2	10 57 53.846	27 49 59.14	Z.C. δ 57″.3
73.	4. 9	3	54 387	56.51	v ft. ∓ 1′
79.	4.24	2	54.186	56.26	ex. ft.

5616 9.5 3.2390 −0.0164 −19.324 −0.118 — —

73.	4.21	2	10 57 58.211	25 0 36.99	†

5617 9.2 3.2581 −0.0183 −19.325 −0.118 27°1972

74.	4.27	3	10 58 0.832	27 29 8.88	
92.	4. 6	6	1.140	9.98	

5618	9m.0	3s.2577	−0s.0183	−19″.327	−0″.118	27°1973
74. 4.27	3	10h 58m 5s.572	27° 28′ 10″.46			
74. 4.30	3	5.646	12.27			
79. 4.19	3	5.773	10.42			
5619	9.3	3.2705	−0.0197	−19.336	−0.118	29°2121
75. 4.22	3	10 58 27.861	29 12 16.13			
94 4.10	7	27.599	12.90			
94. 4.26	7	27.640	13.38			
5620	7.9	3.2440	−0.0170	−19.338	−0.117	25°2335
73. 4.18	3	10 58 35.179	25 52 40.40			†
74. 4.13	3	34.989	39.68			
79. 5. 3	3	34 922	40.57			
5621	9.2	3.2431	−0 0170	−19.339	−0.117	25°2336
74. 4.23	3	10 58 36.687	25 46 28.38			Z.C. δ 27″.5
80. 4.23	3	37.047	27.78			
80. 4.29	3	37.122	26.50			
80. 4.30	3	36.943	26.74			
80. 5. 1	3	36.931	27.93			
5622	8 9	3.2555	−0 0182	−19.341	−0.118	27°1976
73. 3.28	3	10 58 40.749	27 24 25.28			
73. 4. 9	3	40.450	24.27			
74. 4.30	3	40.686	24.49			
75. 4.20	3	40.590	24.57			
5623	8.7	3.2735	−0.0200	−19.341	−0 118	29°2122
73 3.21	3	10 58 41.186	29 39 6.47			
73. 4.23	3	40.997	7.09			
74. 5. 2	2	41.114	6.42			
79. 4.28	2	41.033	6.93			
83. 4.25	3	41 296	7.19			
5624	9 0	3 2653	−0 0193	−19.344	−0.117	28°1966
73. 4.19	2	10 58 49.551	28 41 47.53			
76. 4 7	3	49.324	48.12			
77. 4.16	3	49.614	48.77			
5625	9.2	3.2388	−0.0165	−19.345	−0.116	25°2337
75. 4.13	3	10 58 50 732	25 17 52.41			
78. 4. 5	3	50.823	51.12			+ 1s
79. 4.26	3	50.641	50.86			
5626	9.5	3.2394	−0.0167	−19.350	−0.116	— —
74. 4.23	1	10 59 5.378	25 27 59.70			
90. 4.22	7	5.656	59.01			v. ft.
5627	9.5	3.2479	−0.0176	−19.354	−0.116	26°2173
94. 4. 2	6	10 59 16 007	26 38 28.50			
94. 4. 4	2	15.754	30 23			v.ft.
94. 4. 5	7	16.275	30.87			w. 5.6.7 + 1s
5628	8.4	3.2344	−0.0162	−19.358	−0.115	25°2338
73. 4.18	3	10 59 25 042	24 54 4.70			
74. 4 13	3	24.977	5.47			
75. 4.13	3	25.061	5.85			
77. 4.24	3	24.961	5.46			
5629	9.1	3.2637	−0.0192	−19.358	−0.116	28°1967
73. 4 19	3	10 59 26.393	28 43 29.90			
77. 4.10	3	26.300	30.40			
77. 4.10	2	26 090	30.19			
79. 4.21	2	26.486	29.69			

5630	8m.9	3s.2552	−0s.0184	−19″.363	−0″.116	27°1978
74. 4.27	3	10h 59m 37s.515	27° 43′ 12″.12			
79. 4.19	3	37.921	12.94			
79. 4.24	3	37.895	13.02			
5631	8 5	3.2533	−0.0182	−19.366	−0 115	27°1979
74. 4.30	3	10 59 47.020	27 33 15.52			
79. 5. 1	3	46.996	13.93			
79. 5. 2	3	47.198	14.83			
5632	9.1	3 2467	−0.0176	−19.371	−0.114	26°2174
73. 4. 1	3	10 59 59.307	26 45 15.07			+ 1′
73. 4.25	3	59.366	15.94			
74. 4.28	3	59.374	15.42			
85 4.21	7	59.248	15.51			w. 5 − 10s
85. 4.25	7	59.350	15.03			
85. 4.27	7	59 381	14.92			
5633	9.4	3 2514	−0 0181	−19.371	−0.114	27°1980
73. 3.28	1	11 0 0.227	27 22 20.29			*
75. 4.20	3	0.715	20.21			
79. 4 24	1	0.956	20.63			
5634	9.0	3.2643	−0.0195	−19.374	−0.115	29°2123
73 3.21	3	11 0 7.807	29 4 15.30			
73. 4 23	3	7.632	15.46			
74. 5. 2	3	7.757	15.48			
77. 4.19	3	7.774	15.00			
5635	8.3	3.2435	−0.0173	−19.376	−0.114	26°2175
73. 5. 1	3	11 0 14.182	26 24 20.13			
74. 4.28	3	14.117	19.98			
77. 5. 2	3	14.220	18.36			− 1′
5636	7.2.	3.2416	−0.0172	−19.379	−0.114	26°2176
73. 4. 1	3	11 0 21.576	26 12 45.56			Z.C. δ 45″.3
73. 4.25	3	21.670	46.43			
77. 5. 2	1	21.616	44.00			
79. 4.26	3	21 617	45.60			
79. 5. 2	3	21.649	45.09			
5637	9.0	3.2715	−0.0204	−19.385	−0.114	30°2107
85. 4.28	7	11 0 36.763	30 11 9.78			
85. 4.29	7	36.816	9.16			
86. 4.29	7	37.023	9.59			
86. 4.30	7	36.855	7.87			
5638	9.0	3 2354	−0 0166	−19.387	−0 113	25°2340
73. 4.21	3	11 0 42.242	25 30 10.58			
74. 4.13	3	42.269	9.88			
74. 4 23	3	42.335	10.53			
75. 4.13	1	42.499	10.12			
77. 4.24	3	42.272	11.15			
5639	9.2	3.2434	−0.0175	−19.391	−0.112	26°2178
74. 4.28	1	11 0 52.559	26 39 22.54			
92. 4. 9	7	52.633	24.74			
5640	9.3	3.2691	−0.0202	−19.391	−0.113	30°2108
73. 3.21	1	11 0 53.055	29 59 41.04			
80. 5. 1	3	53.105	40.29			

5641	$9^{m}.1$	$3^{s}.2500$ $-0^{s}.0183$	$-19''.398$ $-0''.112$	27°1983
73. 3.28	3	$11^{h}\ 1^{m}\ 13^{s}.727$	27° 39′ 50″.82	
73. 4. 9	3	13.585	49 85	
74. 4.27	3	13.513	50.97	
74. 4.30	3	13.697	49.34	
75. 4.20	3	13.735	51.12	
76. 4.28	3	13.743	49.50	
5642	9.0	3.2663 −0.0201	−19.410 −0.112	30°2109
74. 5. 2	3	11 1 44.103	29 59 19.72	
74. 5. 2	1	44.193	19.26	
75. 4.22	3	44.143	21.28	
79. 4.28	3	43.954	21.14	
79. 4.28	2	43.984	21.64	
80. 4.23	3	44.154	19.92	
80. 4.26	3	44.021	21.19	
5643	9.0	3.2583 −0.0193	−19.410 −0.112	29°2125
91 4.25	7	11 1 44.796	28 57 13.72	
92. 4.29	7	44.733	15.38	
5644	9.0	3.2631 −0.0199	−19.415 −0 111	29°2126
77. 4.19	1	11 1 59.999	29 41 51.83	*
80. 4.29	3	59.589	51.47	Z.C. δ 52″.2
83. 4.25	3	59.624	53 19	
5645	9.4	3.2559 −0.0191	−19.417 −0.111	28°1970
73. 4.19	3	11 2 3.085	28 46 24.93	
76. 4. 7	3	3.177	26.28	
77. 4.10	3	3.198	27.10	
77. 4.16	3	3.310	26.72	
80. 4.26	1	3.602	26.64	
5646	8.8	3.2666 −0.0203	−19.417 −0.111	30°2110
85. 4.17	7	11 2 4.452	30 10 5.05	
85. 4.18	7	4.349	4.83	
85. 4.20	7	4.313	5.81	
92. 3.23	7	4.389	4.57	
5647	6.0	3.2304 −0.0164	−19.418 −0.110	25°2344
73. 4.18	3	11 2 6.545	25 20 5.72	
73. 4.21	3	6.598	5.94	
74. 4.13	3	6.603	4.97	
76. 5. 5	3	6.543	5.50	
77. 4.24	3	6.592	5.99	
5648	8.3	3.2547 −0.0190	−19.420 −0.110	28°1971
77. 4.16	2	11 2 11.209	28 39 47.19	Z.C. δ 47″.0
77. 5. 3	3	11.152	46.80	
79. 4.21	3	11.218	47.02	
5649	9.3	3.2383 −0.0174	−19.429 −0.109	26°2179
73. 4. 1	3	11 2 37.954	26 37 57.56	
73. 4.25	3	37.935	56.90	
75. 4. 5	3	38.133	56.53	
5650	9.1	3.2555 −0.0192	−19.429 −0.109	29°2128
92. 4.27	7	11 2 38 779	28 57 46.07	†
5651	9.0	3.2383 −0.0174	−19.435 −0.108	26°2180
73. 4. 1	2	11 2 53.471	26 44 21.74	
73. 4 25	3	53.642	20.89	
74. 4.28	3	53.512	22.44	
75. 4. 5	3	53.680	21.79	
5652	$9^{m}.1$	$3^{s}.2504$ $-0^{s}.0188$	$-19''.440$ $-0''.108$	28°1972
73. 4.19	3	$11^{h}\ 3^{m}\ 7^{s}.514$	28° 32′ 18″.60	
77. 4.10	3	7.442	19.55	
79. 4.21	3	7.793	18.92	
5653	9.4	3.2564 −0.0195	−19.444 −0.108	29°2129
73. 3.21	3	11 3 18.478	29 20 60.16	
80. 4.29	2	18.895	59.21	
86. 5. 1	4	18.995	58.53	
5654	9.1	3.2578 −0.0197	−19.447 −0 108	29°2130
74. 5. 2	3	11 3 26.941	29 36 7.17	
75. 4.22	3	27.197	7.84	
77. 4.19	3	27.186	8.02	
80. 5. 1	3	27.092	7.76	
5655	9.5	3.2279 −0.0165	−19.447 −0.107	— —
75. 4.13	3	11 3 27.132	25 29 52.04	
90. 4.22	6	27.424	47.65	v. ft.
5656	8.9	3.2390 −0.0178	−19.453 −0.106	27°1987
73. 3.28	3	11 3 45.746	27 11 20.61	
73. 4. 9	3	45.911	20.57	
74. 4.27	3	45.648	19.62	
75. 4 20	3	45.842	20.19	
76. 4.28	3	45.662	19.98	w. 2 − 1^{s}
5657	8.7	3.2289 −0.0167	−19.457 −0.106	25°2346
73. 4.18	3	11 3 56.236	25 48 41.22	
73. 4.21	3	56.260	41.29	
74. 4 13	3	56.144	41.49	
77. 4.24	3	56.226	41.13	
5658	9.0	3.2265 −0.0164	−19.458 −0.105	25°2347
74. 4.23	3	11 3 59.051	25 29 41.62	
75. 4 13	3	59.258	42.15	
90. 4.11	5	59.360	41.56	
5659	8.4	3.2361 −0.0176	−19.463 −0.106	27°1988
73. 3.28	3	11 4 13.104	26 56 46.92	
73. 4. 9	3	13.268	46.70	
76 4.28	2	13.321	45.18	
5660	9.1	3.2427 −0 0183	−19.465 −0 105	28°1975
73. 4.19	3	11 4 19.143	27 54 32.11	
76. 4. 7	3	19.154	30.48	
77. 4.10	3	19.092	33.87	
5661	8.4	3.2338 −0.0173	−19.467 −0.105	26°2181
73. 4.25	3	11 4 24.886	26 42 32.34	
74. 4 28	3	24.640	30.89	
75. 4. 5	3	24.988	31.07	
77. 5. 2	3	24.682	29 59	
5662	9.0	3.2401 −0.0181	−19.472 −0.105	27°1989
74. 4.27	3	11 4 38.526	27 41 44.97	
74. 4.30	3	38.809	45.28	
79. 4.19	3	38.767	43.60	
5663	9.5	3.2406 −0.0182	−19.475 −0.104	27°1990
93. 4.24	7	11 4 46.067	27 49 15.61	
94. 4. 9	7	45.248	13.35	
95. 4.29	6	45.782	19.80	v. ft.

5664	$9^{m}4$	$3^{s}2487$	$-0^{s}0191$	−19″477	−0″104	29°2133			
83.	4.25	3	11^{h}	$4^{m}53^{s}793$	29°	0′	2″49		
84.	4.22	2		53.687			2.32	ex. ft. bad. -1^{s}	
5665	7.7	3.2377	−0.0179	−19.479	−0.104	27°1991			
79.	4.19	3	11	4 58.830	27	30	33.09		
79.	5. 1	3		58.739			33.19		
80.	4.29	3		58.787			33.15		
80.	5. 1	3		58.717			33.91		
5666	8 9	3.2237	−0.0163	−19.481	−0.103	25°2350			
74.	4.23	2	11	5 4.242	25	30	49.87	Z.C. δ 50″0	
75.	4.13	3		4.514			49.77		
77.	4.24	3		4.039			50.30		
5667	8.1	3.2205	−0.0162	−19.496	−0.101	25°2352			
78.	4. 5	3	11	5 48 582	25	19	47.93		
79	4.26	3		48.778			47.90		
79.	5. 3	3		48.736			47.87		
5668	8 8	3.2537	−0.0201	−19.502	−0.102	30°2121			
86.	4.30	7	11	6 6.362	30	13	8.18		
87.	4.19	7		6.301			11.00		
5669	7.5	3.2351	−0.0180	−19.508	−0.101	27°1992			
73.	4. 9	3	11	6 24.184	27	43	54.10		
83.	4.25	3		24.188			55.68		
84.	4.22	5		24.132			55.87		
5670	9.2	3.2235	−0.0167	−19.510	−0.100	26°2182			
79.	4.18	3	11	6 30.430	26	3	53.30		
79.	4.26	3		30.180			52.94		
5671	7.5	3.2353	−0.0181	−19.512	−0.101	27°1993			
84.	4.18	5	11	6 35.382	27	51	17.56		
84.	4.19	4		35.578			20.13		
84.	4.21	4		35.198			19.59		
84.	4.29	3		35.271			18.97		
5672	8.3	3.2520	−0.0200	−19.514	−0.101	30°2123			
86.	5. 1	5	11	6 40.378	30	13	58.28		
87.	4.27	5		40.358			57.62		
5673	9.5	3.2351	−0.0181	−19.515	−0.100	27°1994			
83.	4. 9	2	11	6 45.011	27	53	8.16		
90.	4.16	7		45.072			6.81		
90.	4.22	7		45.113			6.20		
5674	8.4	3.2203	−0.0165	−19.520	−0.099	25°2353			
84.	4.18	2	11	7 0.764	25	47	8.83		
84.	4.24	4		0.581			7.95		
84.	5. 3	4		0.721			7.86		
5675	9.5	3.2334	−0.0181	−19.532	−0.099	28°1977			
83.	4. 9	2	11	7 35 640	28	0	25.67	†	

Three observations made at Cambridge during revision give R.A. $0^{s}8$ less: Oxford photographs give R.A. $0^{s}5$ less.

5676	7.5	3.2217	−0.0169	−19.538	−0.097	26°2184			
79.	4.26	3	11	7 52.687	26	23	19.51		
83.	4.25	3		52.844			22.63		
5677	$9^{s}0$	$3^{s}2144$	−0″0161	−19″543	−0″097	25°2355			
84.	4.22	5	11^{h}	$8^{m}\,8^{s}966$	25°	22′	20″62	$+1^{m}$	
92.	4. 9	7		8.667			21.69		
93.	4. 6	7		8.711			19.88		
5678	8.6	3.2162	−0.0163	−19.545	−0 097	25°2357			
84.	4.19	7	11	8 14.061	25	40	1.05		
84.	4.21	5		13.769			0.08		
84.	4.29	3		13.833			0.30		
84.	4.30	4		13.728			0.08		
5679	9.1	3.2240	−0.0172	−19.545	−0.096	26°2185			
73.	4. 9	1	11	8 15.289	26	52	35.64		
79.	4.18	3		15.238			36.04		
5680	8.3	3.2240	−0.0173	−19.548	−0.096	27°1998			
73.	4. 9	3	11	8 23.838	26	56	36.03		
83.	4.25	3		23.765			36.02		
84.	5. 3	6		23.633			35.90		
5681	9.5	3.2112	−0.0158	−19.549	−0.096	25°2358			
93.	4.22	4	11	8 27.120	24	58	40.45		
93.	4.24	7		26.848			41.47		
5682	8.8	3.2285	−0.0178	−19.552	−0.096	27°1999			
84.	4.24	7	11	8 37.474	27	43	51.35		
87.	4.27	7		37.569			52.72		
5683	6.8	3.2318	−0.0182	−19.553	−0.097	28°1979			
84.	4.18	2	11	8 38.875	28	15	6.39		
86.	4.30	7		38.962			4.31	c. d. m.	
87.	4.25	3		39.036			5.96		
5684	8.3	3.2245	−0.0174	−19.553	−0.096	27°2000			
79.	4.19	1	11	8 39.228	27	7	50.64		
84.	4.30	2		39.151			52.20		
5685	9.0	3.2306	−0.0183	−19.560	−0.096	28°1980			
79.	4.21	2	11	8 59.492	28	13	32.50		
92.	4.27	2		59.341			33.60		
5686	9.4	3.2189	−0.0168	−19.560	−0.095	26°2186			
86.	5. 1	5	11	9 0.632	26	25	41.52		
94.	4. 4	5		0.377			44.72		
94.	4. 9	7		0.282			41.29		
5687	8.8	3.2363	−0.0189	−19.562	−0.096	29°2140			
79.	4.28	2	11	9 6.405	29	7	21.53		
84.	5. 3	2		6.354			21.06		
5688	9.5	3.2388	−0.0194	−19.571	−0.095	29°2142			
93.	4.26	6	11	9 35.655	29	43	44.40		
94.	4.10	7		35.118			39.40		
95.	4.29	7		35.317			43.43		
95.	5. 1	7		35.245			45.09	v. ft.	
5689	8.7	3.2202	−0.0172	−19.571	−0.094	27°2002			
73.	3.28	3	11	9 35.388	26	53	59.58		
73.	4. 9	2		35.347			58.63		
76.	4.28	3		35.340			57.87		

5690 $9^{m}.0$ $3^{s}.2076$ $-0^{s}.0156$ $-19''.572$ $-0''.094$ 25°2359

73. 4.18	3	$11^{h}\,9^{m}39^{s}.741$	24° 54′ 35″.13	Z.C.Ep.75.7
73. 4.21	3	39.763	34.27	
74. 4.23	3	39.597	33.47	
78. 4. 5	3	39.753	33.76	
79. 5. 3	3	39.810	34.84	

5691 8.6 3.2276 −0.0181 −19.574 −0.094 28°1981

73. 4.19	3	11 9 43.454	28 6 9.95	
77 4.16	3	43.726	10.60	
79. 5. 1	3	43.601	10.92	

5692 9.1 3.2173 −0.0168 −19.575 −0.093 26°2187

79. 4.24	3	11 9 47.597	26 29 46.95	Z.C. δ 47″.3
79. 4.26	3	47.426	47.37	
83. 4.25	3	47.320	47.51	

5693 9.4 3.2394 −0.0196 −19.578 −0.094 30°2128

75. 4.22	3	11 9 56.276	29 58 31.03	
84. 4.21	1	56.136	32.80	

5694 8 9 3.2392 −0.0197 −19.589 −0.093 30°2130

85. 4.18	7	11 10 33.102	30 15 7.92	
85. 4.20	7	33.098	8.07	
85. 4.21	7	33.091	7.99	

5695 9.5 3.2093 −0.0160 −19.589 −0.092 25°2360

74. 4 23	3	11 10 32.751	25 33 58.60	
83. 4.25	2	33.381	57.01	
93. 4.24	7	33.313	57.98	

5695^{a} 9.5 3.2093 −0.0161 −19.590 −0.092 25°2361

96. 2.11	5	11 10 35.104	25 36 17.89	ex. ft.
96. 3. 4	4	35.119	15.07	v. ft.
96 3.16	7	34.777	14.51	

5696 7.4 3.2115 −0.0165 −19.598 −0.093 26°2189

73. 4.25	3	11 11 1.227	26 8 37.81	
73. 5. 1	3	1.433	37.74	
79 4.24	3	1.373	36.68	

5697 6.6 3.2233 −0.0179 −19.598 −0.091 28°1983

73. 4.19	3	11 11 2.640	28 2 40.63	
77. 4.16	3	2.853	40.00	
79. 4.28	3	2.862	41.25	
79. 5. 1	3	2.836	40.57	

5698 7.8 3.2087 −0.0162 −19.599 −0.091 25°2362

73. 4.18	3	11 11 5.805	25 44 2.14	
73. 4.21	3	5.916	2.49	
76. 5. 5	3	5.822	2.02	

5699 8.3 3.2140 −0.0168 −19.601 −0.091 26°2190

75. 4. 5	3	11 11 10.758	26 38 6.02	
78. 4. 5	3	10.512	6.35	
79. 4.26	3	10.634	7.89	
79. 5. 3	3	10.661	6.09	
83. 4. 9	3	10.683	8.58	

5700 9.3 3.2253 −0.0183 −19.608 −0.090 28°1985

79. 4.28	2	11 11 34.980	28 38 18.66	
84. 4.21.	3	35.064	19.62	

5701 $9^{m}.1$ $3^{s}.2244$ $-0^{s}.0182$ $-19''.610$ $-0''.090$ 28°1986

73. 4.19	2	$11^{h}11^{m}41^{s}.030$	28° 32′ 34″.94	
79. 4.21	3	41.061	37.13	
79. 5. 1	1	40.910	35.87	

5702 8.8 3.2081 −0.0162 −19.611 −0.090 26°2192

73. 4.25	3	11 11 44.159	25 55 3.02	
79. 4.24	3	44.238	1.73	
79. 4.26	3	44.157	2.91	
83. 4.25	2	44.240	4.21	

5703 8.5 3.2324 −0.0194 −19.615 −0.090 30°2134

85. 4.17	6	11 11 58.261	29 56 18.83	
85. 4.25	7	58.250	18.08	
85. 4.27	6	58.322	19.60	

5704 9.0 3 2077 −0.0163 −19.616 −0.089 26°2194

73. 5. 1	3	11 12′ 0.583	25 59 10.39	
75. 4. 5	3	0.550	8.03	
78. 4. 5	3	0.483	9.55	

5705 9 0 3.2005 −0.0154 −19.617 −0.089 24°2339

73. 4.21	3	11 12 2.469	24 46 14.34	
74. 4.23	3	2.341	14.35	
79. 5. 3	3	2.383	14.09	

5706 9.4 3.2088 −0.0167 −19.632 −0.087 26°2195

75. 4. 5	3	11 12 53.524	26 35 6.82	
79. 4.26	2	53.548	7.62	− 1′
83. 4.25	2	53.621	8.85	

5707 9.1 3.2257 −0.0190 −19.639 −0.086 29°2145

80. 4.26	1	11 13 18.671	29 33 38.39	
83. 4. 9	3	18.762	38.39	
85. 4.18	7	18.490	37.93	
85. 4.20	7	18.546	38.26	

5708 8.6 3.2253 −0.0190 −19.639 −0.086 29°2144

73. 3.21	3	11 13 18.694	29 29 28.82	
74. 5. 2	3	18.618	29.42	
75. 4.22	3	18.555	29.78	
79. 4.28	3	18.665	29.08	

5709 7.7 3.2217 −0.0185 −19.642 −0.086 29°2147

75. 4.22	2	11 13 28.615	28 59 36.93	
79. 5. 5	3	28.754	38.07	
80. 4.30	2	28.871	36.91	

5710 9.0 3.2047 −0.0164 −19.643 −0.086 26°2196

73. 4.25	3	11 13 30.610	26 10 43.14	Z.C. δ 43″.7
73. 4.25	1	30.560	42.84	
73. 5. 1	3	30.576	45.04	
74. 4.28	3	30.705	44.28	
78. 4. 5	3	30.635	43.06	
79. 5. 2	2	30.554	43.66	− 1 int.

5711 9.4 3.2203 −0.0184 −19.644 −0.086 28°1989

73. 4.19	3	11 13 35.297	28 50 53.66	
77. 4.16	2	35.440	55.39	
79. 4.21	3	35.556	54.45	

5712 9.4 3.2137 −0.0176 −19.645 −0.086 27°2007

74. 4.21	3	11 13 38.186	27 46 3.51	
74. 4.27	3	38.112	3.18	
75. 4.20	3	38.386	2.46	

5713	**$8^{\mathrm{m}}.9$**	**$3^{\mathrm{s}}.1927$**	**$-0^{\mathrm{s}}.0149$**	**$-19''.651$**	**$-0''.085$**	**24°2344**
85. 4.17	6	$11^{\mathrm{h}}13^{\mathrm{m}}58^{\mathrm{s}}.658$	24° 18′ 5″.39			
85. 4.21	7	58.570	5.18			
85. 4.27	7	58.582	4.97			
5714	**9.5**	**3.2020**	**−0.0163**	**−19.659**	**−0.084**	**26°2197**
74. 4.28	3	11 14 23.899	26 9 0.46			
75. 4. 5	3	24.091	1.06			
5715	**9.0**	**3.2135**	**−0.0178**	**−19.661**	**−0.084**	**28°1993**
73. 4.19	3	11 14 31.162	28 10 28.23			
77. 4.10	3	31.133	27.69			
77. 4.16	3	31.317	27.07			
79. 4.21	3	31.245	26.63			
5716	**9.5**	**3.2196**	**−0.0187**	**−19.667**	**−0.083**	— —
73. 3.21	3	11 14 52.360	29 23 43.14			†
5717	**9.5**	**3.2187**	**−0.0187**	**−19.673**	**−0.083**	**29°2149**
89. 4.29	5	11 15 14.725	29 26 36.41			† v. ft.
5718	**9.0**	**3.1995**	**−0.0163**	**−19.675**	**−0.082**	**26°2199**
73. 5. 1	3	11 15 20.646	26 10 11.98			
73. 5. 1	2	20.646	10.81			
74. 4.28	3	20.562	11.66			
75. 4. 5	3	20.629	10.09			
77. 5. 2	3	20.647	10.07			
79. 5. 2	3	20.528	10.01			
79. 5. 3	3	20.720	10.74			
5719	**9.4**	**3.1944**	**−0.0157**	**−19.681**	**−0.081**	**25°2366**
73. 4.21	3	11 15 42.750	25 26 40.96			
74. 4.23	3	42.406	41.12			
5720	**8.7**	**3.2061**	**−0.0172**	**−19.681**	**−0.082**	**27°2099**
74. 4.21	3	11 15 44.352	27 33 12.37			
74. 4.27	3	44.139	12.16			
74. 4.30	3	44.469	13.46			
75. 4.20	3	44.293	11.67			
79. 5. 1	3	44.345	12.55			
79. 5. 1	2	44.155	12.80			
5721	**8.2**	**3.2199**	**−0.0191**	**−19.682**	**−0.081**	**30°2139**
85. 4.18	7	11 15 47.075	29 57 2.88			
85. 4.20	7	47.022	3.26			
85. 4.29	6	47.100	2.44			
5722	**8.2**	**3.1933**	**−0.0156**	**−19.687**	**−0.080**	**25°2367**
73. 4.18	3	11 16 3.898	25 25 6.76			
73. 4.21	3	4.038	6.39			
74. 4.23	3	3.903	6.55			
76. 5. 5	3	3.860	6.72			
77. 4.24	3	3.994	5.98			
5723	**9.3**	**3.2038**	**−0.0171**	**−19.689**	**−0.081**	**27°2011**
74. 4.21	3	11 16 9.994	27 21 46.18			
74. 4.27	2	9.849	47.79			
74. 4.30	2	10.029	47.25			
75. 4.20	3	10.117	46.19			
5724	**9.5**	**3.2130**	**−0.0183**	**−19.690**	**−0.080**	**29°2152**
80. 4.26	3	11 16 16.299	29 2 21.80			
80. 4.29	2	16.512	20.75			
80. 5. 1	3	16.721	20.93			ex. ft.
5725	**$8^{\mathrm{m}}.1$**	**$3^{\mathrm{s}}.2193$**	**$-0^{\mathrm{s}}.0193$**	**$-19''.694$**	**$-0''.080$**	**30°2141**
85. 4.17	7	$11^{\mathrm{h}}16^{\mathrm{m}}28^{\mathrm{s}}.860$	30° 14′ 23″.89			
85. 4.21	6	28.706	24.36			
85. 5. 8	7	28.813	24.57			
5726	**9.4**	**3.2049**	**−0.0173**	**−19.694**	**−0.080**	**27°2013**
86. 4.29	5	11 16 30.522	27 44 28.67			†
5727	**9.4**	**3.1954**	**−0.0161**	**−19.699**	**−0.079**	**26°2203**
73. 5. 1	3	11 16 47.399	26 10 22.53			
74. 4.28	3	47.250	21.88			
79. 5. 2	3	47.451	22.29			
5728	**9.5**	**3.1989**	**−0.0166**	**−19.699**	**−0.079**	**26°2202**
79. 4.24	2	11 16 47.453	26 48 47.13			
79. 4.26	3	47.362	48.85			
83. 4. 9	3	47.363	49.58			
5729	**9.1**	**3.2034**	**−0.0173**	**−19.701**	**−0.079**	**27°2014**
85. 4.27	6	11 16 56.520	27 41 58.72			
86. 4.30	5	56.402	57.59			
92. 4.27	6	56.737	58.67			
5730	**8.0**	**3.2128**	**−0.0187**	**−19.703**	**−0.079**	**29°2153**
73. 3.21	3	11 17 0.794	29 24 15.91			
74. 5. 2	3	0.818	15.29			
75. 4.22	3	0.640	16.26			
5731	**9.5**	**3.2050**	**−0.0176**	**−19.704**	**−0.079**	**28°1996**
78. 4.24	2	11 17 5.819	28 5 32.89			
83. 4.25	2	5.863	32.57			
5732	**9.1**	**3.1886**	**−0.0154**	**−19.705**	**−0.078**	**25°2368**
74. 4.23	3	11 17 10.701	25 6 23.37			
90. 4.22	7	10.993	22.47			
90. 4.30	7	10.950	21.15			
90. 5. 3	6	11.025	20.56			
5733	**9.0**	**3.1964**	**−0.0164**	**−19.705**	**−0.078**	**26°2204**
74. 4.28	1	11 17 10.832	26 34 13.71			
75. 4. 5	3	11.003	13.36			
77. 5. 2	3	10.838	11.27			
88. 5. 1	7	11.000	14.54			
88. 5. 2	7	10.995	14.23			
5734	**9.0**	**3.1913**	**−0.0157**	**−19.706**	**−0.078**	**25°2369**
86. 5. 1	7	11 17 13.687	25 38 14.97			
86. 5. 3	7	13.669	15.65			+ 1′
87. 4.27	7	13.801	15.56			
5735	**9.0**	**3.2150**	**−0.0192**	**−19.713**	**−0.078**	**30°2148**
85. 4.29	7	11 17 40.920	30 10 55.16			
87. 4.19	7	41.109	56.48			
87. 4.25	7	41.130	54.40			
5736	**9.1**	**3.1921**	**−0.0159**	**−19.714**	**−0.076**	**26°2205**
75. 4. 5	3	11 17 45.323	26 3 3.41			
79. 4.26	3	45.248	3.65			
5737	**8.5**	**3.2104**	**−0.0186**	**−19.716**	**−0.077**	**29°2155**
74. 5. 2	3	11 17 52.359	29 28 44.00			
75. 4.22	3	52.614	45.56			
77. 4.19	3	52.665	43.82			

5738 8^m7 3^s2016 −0^s0173 −19″717 −0″077 28°1999

73.	4.19	3	$11^h17^m53^s318$	27° 54′ 45″51	
77.	4.10	3	53.137	44.99	
79.	4.28	3	53.449	45.51	
89.	4.29	4	53.258	44.94	w. 7 − 10^s
89.	5. 2	5	53.342	43.29	
89.	5. 3	7	53.406	45.09	

5739 9.1 3.2001 −0.0173 −19.724 −0.076 27°2016

74.	4 21	3	11 18 19.979	27 52 19.07	
74.	4.27	2	19.873	19.69	
75.	4.20	3	20.077	19.10	

5740 8.7 3.2096 −0.0186 −19.724 −0.076 29°2156

73.	3.21	3	11 18 22.520	29 38 6.21	Z.C. δ 6″1
74.	5. 2	3	22.513	6.57	
75.	4.22	2	22.351	4.85	
77.	4.19	3	22.562	6.68	− 1 int.

5741 8.3 3 1941 −0.0166 −19.726 −0.075 26°2208

75.	4. 5	3	11 18 27.704	26 50 5.69	
77.	5. 2	3	27.507	4.87	
85.	4.21	6	27.488	6.36	

5742 9.1 3.1852 −0.0152 −19.726 −0.075 25°2371

73.	4 21	3	11 18 30.044	25 8 2.81	
76.	5. 4	3	30.103	2.47	+ 1^m
79.	5. 3	3	30.193	3.44	

5743 9.5 3.2019 −0.0176 −19.728 −0.075 28°2001

85.	4.18	7	11 18 36.594	28 21 6.18	
85.	4.20	7	36.540	7.75	

5744 8.9 3.2091 −0.0187 −19.728 −0.076 29°2157

79.	4 28	3	11 18 37.950	29 41 9.54	Z.C. δ 9″1
80.	4.29	3	38.059	8.85	
80.	4.30	3	38.094	8.52	
80.	5. 1	3	37.868	7.76	− 1 int.
83.	4.25	3	38.057	10.79	

5745 8.8 3.2031 −0.0178 −19.729 −0.075 28°2002

73.	4.19	3	11 18 41.085	28 37 45.56	
77.	4.10	2	40.962	45.67	
78.	4.24	3	41.307	45.68	

5746 9.1 3.1844 −0.0152 −19.730 −0.075 25°2372

73.	4.21	1	11 18 42.962	25 5 10.35	
74.	4.23	1	42.920	9.54	

5747 9.3 3.1894 −0.0159 −19.731 −0.074 26°2209

73.	5. 1	3	11 18 48.558	26 5 42.19	
74.	4.28	3	48.445	40.36	
79.	4.24	3	48.828	39.86	
79.	4.26	3	48.776	39.83	

5748 9.0 3.2078 −0.0186 −19.733 −0.075 29°2159

80.	4.29	2	11 18 56.338	29 37 34.50	
80.	4.30	3	56.310	35.63	
82.	5. 1	3	56.221	34.26	

5749 9.4 3.2089 −0.0189 −19.736 −0.075 30°2156

85.	4.17	7	11 19 7.373	29 57 17.82	
85.	4.27	6	7.212	17.94	
86.	4.30	5	7.370	17.07	

5750 7^m0 3^s1953 −0^s0169 −19″736 −0″074 27°2021

74.	4.21	1	$11^h19^m\ 8^s080$	27° 26′ 1″35	
74.	4.30	1	7.925	2.52	
78.	4.24	3	8.076	1.60	clds.
87.	5. 9	7	8.007	2.46	

5751 9.0 3.1974 −0.0172 −19.737 −0.074 27°2019

74.	4.21	3	11 19 10.403	27 50 42.03	
74.	4.27	3	10.367	42.54	+ 1′
74.	4.30	3	10.419	42.94	
75.	4.20	3	10.434	42.48	

5752 9.0 3.1969 −0.0171 −19.737 −0.074 27°2020

79.	4.19	3	11 19 11.729	27 45 31.15	
79.	5. 1	3	11.819	31.26	
79.	5. 2	3	11.691	31.42	
88.	5. 3	7	11.702	32.08	

5753 9.3 3.1861 −0.0157 −19.741 −0.073 25°2374

73.	4.18	3	11 19 26.612	25 48 14.75	Z.C. δ 15″0
74.	4.23	3	26.484	15.42	
77.	4.24	3	26.590	14.79	

5754 9.0 3.1850 −0.0158 −19.751 −0.072 26°2212

85.	4.21	5	11 20 3.879	25 56 26 60	
85.	4.29	6	4.060	26.65	
85.	5. 8	5	4.035	28.53	

5755 8.0 3.1906 −0.0166 −19.751 −0.072 27°2022

74.	4.27	3	11 20 5.102	27 4 55.74	
75.	4.20	3	5.227	54.61	
78.	4 24	1	5.215	55.23	

5756 9.4 3.1976 −0.0176 −19.751 −0.072 28°2004

73.	4.19	3	11 20 5.111	28 25 43.15	
77.	4.16	3	5.387	44.80	
79.	4.28	3	5.328	44.47	ex. ft.

5757 8.5 3.1860 −0.0160 −19.754 −0.071 26°2213

73.	5. 1	3	11 20 16.061	26 16 2.60	
76.	5. 8	1	16.527	2.07	+ 1^m
77.	5. 2	3	16.212	0.12	
79.	5. 3	3	16.205	0.69	

5758 7.1 3.2005 −0.0181 −19.754 −0.071 29°2160

73.	3.21	3	11 20 18.890	29 5 40.46	
73.	4.23	2	18.803	40.82	
74.	5. 2	3	18.914	41.09	
77.	4.19	3	18.998	40.19	
82.	5. 1	3	19.115	40.61	

5759 7.3 3.1825 −0.0156 −19.758 −0.071 25°2376

73.	4.18	3	11 20 32.973	25 42 56.09	
73.	4.21	3	33.150	56.01	− 5′
74.	4.23	3	32.928	56.15	
76.	5 4	3	33.005	55.36	
79.	4.26	2	33.144	55 63	

5760 9.1 3.1986 −0.0179 −19.758 −0.071 29°2162

74.	5. 2	3	11 20 34.333	28 54 39.17	
75.	4.22	3	34.515	38.50	
78.	4.27	3	34.519	40.82	

5761	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.2040$	$-0^{\mathrm{s}}.0189$	$-19''.763$	$-0''.071$	30°2158
85. 4.17	5	$11^{\mathrm{h}}20^{\mathrm{m}}55^{\mathrm{s}}.423$		$30^\circ\ 8'\ 35''.83$		
85. 4.18	6	55.444		36.07		
85. 4.20	7	55.567		36.60		
5762	8.6	3.1839	−0.0159	−19.763	−0.070	26°2214
73. 5. 1	2	11 20 55.665		26 12 8.81		
77. 5. 2	3	55.553		5.52		
85. 4.25	7	55.614		6.19		
85. 4.27	6	55.614		6.84		
5763	8.8	3.1766	−0.0148	−19.764	−0.070	— —
76. 5. 5	3	11 20 57.008		24 43 7.65		
92. 4. 9	7	57.229		6.51		
92. 4.22	7	57.112		7.86		
5764	8.5	3.1766	−0.0148	−19.764	−0.070	24°2360
76. 5. 5	2	11 20 57.808		24 43 57.61		
86. 4.29	7	57.899		54.76		
86. 4.30	7	57.665		54.66		
5765	7.9	3.1882	−0.0166	−19.765	−0.070	27°2024
74. 4.27	3	11 21 1.567		27 8 24.32		Z.C. δ $25''.1$
74. 4.30	3	1.523		26.72		
75. 4.20	3	1.842		24.19		
77. 5. 4	3	1.657		25.27		
79. 5. 1	3	1.828		25.19		
5766	9.3	3.1868	−0.0164	−19.766	−0.070	27°2025
74. 4.28	3	11 21 5.177		26 54 26.45		
90. 4.22	7	5.355		27.09		
90. 4.30	7	5.542		27.47		
5767	9.0	3.1769	−0.0150	−19.770	−0.069	25°2381
76. 5. 4	3	11 21 21.705		24 59 39.46		Z.C. δ $39''.4$
77. 4.24	3	21.570		39.41		
5768	9.3	3.1919	−0.0172	−19.770	−0.069	28°2006
73. 4.19	3	11 21 22.107		28 4 40.38		ft.
74. 4.20	1	22.180		41.35		Z.C. δ $41''.4$
77. 4.16	3	22.542		42.45		
5769	9.0	3.1766	−0.0150	−19.776	−0.069	25°2383
73. 4.18	3	11 21 45.164		25 9 48.75		Z.C. δ $48''.6$
73. 4.21	3	45.282		49.08		
77. 4.24	3	44.997		47.86		
5770	8.2	3.1791	−0.0157	−19.785	−0.067	26°2218
85. 4.21	6	11 22 23.578		26 4 5.08		
85. 4.29	7	23.598		3.63		
86. 5. 6	7	23.625		4.26		
5771	9.4	3.1985	−0.0188	−19.786	−0.067	30°2161
86. 5. 1	7	11 22 26.977		30 4 14.62		
86. 5. 3	7	27.020		14.83		
87. 4.25	7	27.561		13.82		
5772	9.5	3.1926	−0.0178	−19.789	−0.067	29°2167
78. 4.27	3	11 22 41.597		29 2 46.82		v. ft.
83 4.25	2	41.337		45.36		-1^{s}
94. 4. 4	3	41.433		50.95		
94. 4. 9	7	40.792		44.91		
94. 4.10	7	41.154		42.73		

5773	$8^{\mathrm{m}}.6$	$3^{\mathrm{s}}.1835$	$-0^{\mathrm{s}}.0165$	$-19''.791$	$-0''.066$	27°2030
74. 4.21	3	$11^{\mathrm{h}}22^{\mathrm{m}}48^{\mathrm{s}}.186$		$27^\circ\ 14'\ 42''.16$		Z.C. δ $42''.3$
74. 4.27	3	48.172		42.52		
74. 4.30	2	48.168		42.98		
75. 4.20	3	48.203		41.32		
77. 5. 4	3	48.355		42.55		
5774	8.2	3.1803	−0.0160	−19.791	−0.066	26°2219
74 4.28	3	11 22 48.638		26 33 44.69		
75. 4. 5	3	48.577		44.07		
76. 4. 1	3	48.628		44.78		-1^{m}
5775	8.8	3.1902	−0.0176	−19.793	−0.066	28°2008
73. 4.19	3	11 22 58.570		28 46 41.18		
74. 4.20	2	58.516		41.80		+ 1 int.
77. 4.10	3	58.414		42.69		
77. 4.10	2	58.464		42.37		
77. 5. 3	3	58.547		42.41		
79. 4 21	3	58.632		42.08		
79. 4.21	2	58.622		42.24		
5776	8.7	3.1826	−0.0165	−19.794	−0.066	27°2031
74. 4.21	3	11 23 5.604		27 15 18.50		
74. 4.27	2	5.417		18.79		
75. 4.20	3	5.743		18.46		
5777	9.0	3.1943	−0.0183	−19.794	−0.066	29°2168
74. 5. 2	3	11 23 5.883		29 38 59.29		
77. 4.19	3	5.886		57.57		
79. 4.28	3	5.928		58.72		
79. 5. 5	3	5.957		58.78		
5778	9.4	3.1741	−0.0152	−19.797	−0.066	25°2384
73. 4.18	3	11 23 13.169		25 28 47.42		
73. 4.21	1	13.367		47.75		
74. 4.23	2	12 991		48.34		
5779	7.7	3.1746	−0.0153	−19.797	−0.065	25°2385
76. 5. 4	3	11 23 17.255		25 38 8.81		
76. 5. 5	3	17.201		8.58		
76. 5. 6	3	17.383		8.95		
79. 5. 6	3	17.182		8.37		
87. 5. 9	7	17.164		10.01		
5780	7.7	3.1740	−0.0153	−19.800	−0.065	25°2386
74. 4.23	3	11 23 26.498		25 34 23.10		
76. 5. 4	2	26.683		23.43		
76. 5. 5	2	26.544		22.32		
77. 4.24	3	26.726		21.65		
5781	7.5	3.1756	−0.0155	−19.801	−0.065	26°2222
73. 5 1	3	11 23 32.179		25 59 36.62		Z.C. δ $35''.1$
75. 4. 5	3	32.199		35.07		
76. 4. 1	3	32.169		34.98		
76. 5. 8	3	32.156		36.65		
77. 5. 2	3	32.092		34.11		
77. 5. 2	3	31.992		33.97		
79. 5. 3	3	32.057		34.49		
5782	9.5	3.1912	−0.0180	−19.801	−0.065	29°2171
75. 4.22	3	11 23 33.653		29 20 26.70		Z.C. δ $27''.3$
78. 4.27	3	33.762		28.15		ft.
83. 4.25	1	34.151		26.97		

5783	$9^m.1$	$3^s.1796$	$-0^s.0162$	$-19''.805$	$-0''.064$	27°2033
74.	4.21	2	$11^h 23^m 48^s.922$	27° 4′ 7″.94		
79.	4.24	3	49.164	9.63		
79.	5. 1	3	49.003	8.56		
79.	5. 2	3	48.933	8.87		
5784	8.4	3.1820	−0.0167	−19.805	−0.064	27°2034
77.	5. 4	3	11 23 51.536	27 36 43.32		Z.C. δ 43″.7
79.	4.24	2	51.495	43.66		
79.	5. 2	2	51.404	44.08		
5785	9.5	3.1913	−0.0182	−19.808	−0.064	29°2172
85.	4.18	7	11 24 1.752	29 39 34.96		v. ft. + 10^s
85.	4.20	7	1 719	35.77		
85.	4.21	5	1.715	35.02		
5786	9 3	3.1743	−0.0156	−19 810	−0.064	26°2224
73.	5. 1	3	11 24 11.320	26 8 26.97		
74.	4.28	3	11.344	26.58		
75.	4. 5	3	11.535	26.00		
5787	6.9	3.1879	−0.0178	−19.812	−0.063	29°2176
73.	3.21	3	11 24 18.858	29 8 24.78		
73.	4.23	3	18.448	25.85		
74.	5. 2	3	18.680	25.85		
75.	4.22	3	18.688	24.83		
5788	8.1	3.1826	−0.0171	−19.815	−0.063	28°2012
73.	4.19	3	11 24 36.067	28 13 30.26		Z.C. δ 30″.7
74.	4.20	2	36.124	31.56		
77.	5. 3	3	36.288	30.25		
79.	5. 9	1	36.178	30.85		
5789	8.9	3.1884	−0 0182	−19.820	−0.062	29°2177
75.	4.22	2	11 24 56.739	29 41 32.57		
77.	4.19	3	56.680	34.20		
5790	7.1	3.1663	−0.0147	−19.825	−0.061	25°2388
73.	4.18	3	11 25 17 472	25 0 4.03		
73.	4.21	3	17.489	4.52		
74.	4.23	3	17.215	4.04		
76.	5. 4	3	17.628	4.25		
77.	4.24	3	17.619	3.69		− 1^m
79.	4.26	3	17.485	3.77		
79.	4.26	2	17.435	3.83		
79.	5. 3	3	17.324	3.78		
79.	5. 6	3	17.539	3.31		
5791	9.2	3 1734	−0.0159	−19.826	−0.061	26°2226
91.	5. 5	7	11 25 24.922	26 43 3.28		− 5^m
92.	4.22	3	24.715	3.71		
5792	7.5	3.1858	−0.0182	−19.832	−0.060	29°2179
73.	3.21	3	11 25 48.917	29 44 16.68		− 1 int.
73.	4.23	3	48.799	18.00		
74.	5. 2	3	48.908	17.50		
77.	4.19	3	48.871	17.44		
78.	4.27	3	48.811	18.04		
78.	4.27	3	48.771	18.04		
79.	4.28	3	48.921	16.30		
79	4.28	3	49.041	17.06		
79.	5. 5	3	48.828	17.11		

5793	$8^m.4$	$3^s.1643$	$-0^s.0146$	$-19''.835$	$-0''.060$	25°2389
73.	4.18	3	$11^h 26^m 2^s.715$	25° 0′ 52″.83		d. p.
73.	4.21	3	2.862	53.92		d. p.
74.	4.23	2	2.599	53.25		d. p.
5794	8.9	3.1655	−0.0149	−19.837	−0.060	25°2390
76.	5. 4	2	11 26 14.385	25 24 54.26		
76.	5. 5	3	14.241	54.78		
74.	4.24	3	14.139	53.81		
79.	5. 3	2	14.188	54.48		
5795	9.3	3.1711	−0.0160	−19.839	−0.059	26°2230
73.	4.26	3	11 26 22 776	26 50 30.74		
73.	5. 1	3	22.781	31.40		
74.	4.28	3	22.707	30.41		
90.	4.30	7	22.870	28.39		
5796	8.5	3.1695	−0.0159	−19.846	−0.058	26°2231
73	4.26	3	11 26 55.610	26 50 12.09		+ 1′
73.	5. 1	3	55.756	13.16		Z.C. δ 12″.1
74.	4.28	3	55.634	12.74		
75.	4. 5	3	55.620	12.08		
77.	5. 2	3	55.403	11.09		
77.	5. 2	2	55.783	11.72		
79.	5. 2	3	55.587	12.05		
5797	8.8	3.1728	−0.0168	−19.852	−0.057	28°2014
73.	4.19	3	11 27 23.830	27 57 1.23		Z.C. δ 1″.7
74.	4.20	3	23.679	2.75		
77.	4.10	3	23.641	1.53		
77.	4.10	3	23.671	1.73		
77.	5. 3	3	23.590	1.65		
79.	4.21	3	23.727	1.41		
5798	9.2	3.1662	−0.0155	−19.853	−0.057	26°2232
73.	5. 1	3	11 27 30.262	26 26 50.22		
74.	4.28	3	30.105	49.99		
75.	4. 5	3	30.278	50.45		
76.	4. 1	3	30.073	50.73		
79.	5. 2	3	30.155	48.32		
79.	5. 3	3	30.203	49.14		
5799	9.0	3.1733	−0.0170	−19.858	−0.056	28°2016
73.	4.19	3	11 27 55.417	28 27 30.39		w. 5 + 1^s
74.	4.20	3	55.407	31.54		
77.	5. 3	3	55.667	31.51		
5800	9.1	3.1699	−0.0166	−19.863	−0.055	27°2037
74.	4 21	3	11 28 18.095	27 53 45.44		
74.	4.27	3	18.149	46.23		
75.	4.20	3	18.148	46.18		
77.	5. 4	3	18.268	44.46		
5801	8.6	3.1786	−0.0182	−19.865	−0.055	30°2175
85.	4.18	7	11 28 27.761	30 7 0.33		
85.	4.20	7	27.849	1.58		
86.	5. 3	7	27.863	0.52		
5802	9.0	3.1787	−0.0185	−19.872	−0.054	30°2176
85.	4.21	7	11 29 3.185	30 37 28.43		
85.	4.25	7	3.314	27.56		
85.	4.27	7	3.295	27.78		
86	5. 1	7	3.268	27.65		

5803	$9^{m}.2$	$3^{s}.1559$	$-0^{s}.0144$	$-19''.872$	$-0''.054$	25°2392
85.	4.29	6	$11^{h}29^{m}5^{s}.152$	24° 57′ 37″.69		
86.	4.30	7	5.113	38.11		
86.	5. 6	7	5.107	38.58		

5804	9.5	3.1600	−0.0151	−19.872	−0.054	26°2234
75.	4. 5	3	11 29 5.795	26 2 20.46		†

5805	8.5	3.1624	−0.0157	−19.873	−0.054	26°2235
73.	5. 1	3	11 29 10.362	26 41 40.22		
74.	4.28	3	10.268	39.62		
79.	4.24	3	10.546	38.94		
79	4.26	2	10.223	40.05		
79.	5. 2	3	10.261	38.78		
79.	5. 6	3	10.325	38.96		

5806	8.9	3.1568	−0.0146	−19.874	−0.053	25°2393
73.	4.21	3	11 29 15.889	25 18 1.47		
74.	4.23	3	15.572	2.22		
76.	5. 4	3	15.833	2.16		
76.	5. 5	3	15.809	2.92		
77.	4.24	3	15.848	1.88		
88.	5. 7	5	15.836	3.48		

5807	9.3	3.1644	−0.0162	−19.876	−0.053	27°2038
89.	5. 3	7	11 29 25.271	27 22 50.07		†

5808	8.2	3.1690	−0.0170	−19.877	−0.053	28°2021
74.	4.20	3	11 29 28.132	28 35 41.88		
76.	4.25	3	28.255	43.62		
77.	4.10	3	28.135	40.88		
77.	4.10	3	28.455	42.43		
79.	5. 9	3	28.497	41.99		

5809	6.0	3.1678	−0.0169	−19.879	−0.053	28°2022
73.	4.19	3	11 29 43.109	28 28 18.77		Z.C. δ 19″.0
74.	4.20	3	43.022	18.41		−1′
76.	5. 9	3	43.124	21.10		
77.	5. 3	3	43.369	18.23		
79.	4.21	3	43.201	18.50		
79.	4.21	2	43.351	17.88		
79.	4.28	3	43.255	19.39		
79.	4.28	3	43.015	19.00		
79.	5. 1	3	43.076	19.57		
79.	5. 1	2	43.116	18.56		
79.	5. 5	3	43.128	19.48		
79.	5. 5	3	43.088	19.21		

5810	8.7	3.1645	−0.0163	−19.880	−0.053	27°2039
74.	4.21	3	11 29 44.319	27 39 57.07		Z.C. δ 57″.1
74.	4.30	3	44.367	58.75		
75.	4.20	3	44.386	56.91		
77.	5. 4	3	44.515	55.79		

5811	9.2	3.1704	−0.0175	−19.880	−0.052	29°2186
73.	3.21	3	11 29 45.625	29 9 42.92		
73.	4.23	2	45.617	43.87		
74.	5. 2	3	45.535	43.77		
75.	4.22	3	45.723	42.99		
78.	4.27	3	45.768	44.40		

5812	9.4	3.1636	−0.0162	−19.882	−0.052	— —
89.	4.29	6	11 29 54.397	27 33 48.16		†

5813	$8^{m}.8$	$3^{s}.1597$	$-0^{s}.0154$	$-19''.882$	$-0''.052$	26°2236
73.	4 26	3	$11^{h}29^{m}54^{s}.571$	26° 31′ 57″.22		
73	5. 1	3	54.576	57.32		
76.	4. 1	3	54.697	55.77		

5814	7.0	3.1566	−0.0148	−19.882	−0.052	25°2394
73.	4.18	3	11 29 54.952	25 43 15.44		
74.	4.23	3	54.910	16.09		
76.	5. 4	2	55.020	15.82		
79	5. 3	3	54 867	16.80		$+1^{m}$
79.	5. 3	2	54.967	16.47		

5815	8.0	3.1648	−0.0168	−19.890	−0.051	28°2023
73.	4.19	3	11 30 39.519	28 27 57.04		
74.	4.20	3	39.627	57.76		
77.	5. 3	3	39.793	57.14		
79.	5. 5	1	39.368	57 58		

5816	8.9	3.1542	−0.0148	−19.891	−0.050	25°2396
73.	4.18	3	11 30 42.625	25 40 45.42		Z.C. δ 46″.0
75.	4.26	3	42.474	46.34		
76	5. 5	3	42.615	46.93		
76.	5. 6	3	42.636	46.46		
77.	4.24	3	42.559	44.98		
79.	5. 6	3	42 686	46.03		

5817	8.1	3.1568	−0.0153	−19.892	−0.049	26°2237
73.	5. 1	2	11 30 51.656	26 29 40.26		
74.	4.28	2	51.579	39.23		
75.	4. 5	3	51.569	38.55		
76.	4. 1	3	51.586	37.65		
79.	5. 2	3	51.390	38.97		

5818	7.9	3.1552	−0.0151	−19.893	−0.049	26°2238
73.	4.26	3	11 30 53.134	26 6 40.47		Z.C. δ 40″.0
76.	5. 8	3	53.159	40.75		
77.	5. 2	3	53.052	38.69		
77.	5. 2	3	53.102	39.11		
77.	5. 9	3	53.087	40.84		

5819	8.3	3.1624	−0.0165	−19.894	−0.050	28°2024
76.	4.25	3	11 31 2.309	28 8 10.51		Z.C. α $2^{s}.27$
76.	5. 9	3	2.272	11.74		
77.	4.10	3	2.229	10.30		−30′

5820	9.5	3.1655	−0.0173	−19.897	−0.049	29°2188
75.	4.22	3	11 31 17.989	29 10 41.52		
78.	4.27	3	18.156	43.49		v. ft.

5821	9.3	3.1521	−0.0146	−19.897	−0.048	25°2397
73.	4.18	2	11 31 18.800	25 33 28.34		
73.	4.21	3	18.697	28.34		
74.	4.23	3	18.674	28.58		
86.	5. 3	5	18.878	29.11		+5′

5822	8.2	3.1540	−0.0150	−19.897	−0.048	26°2239
73.	4.26	3	11 31 18.851	26 5 21.93		
76.	5. 8	3	18.910	22.78		
85.	4.18	7	18.734	20.75		
85.	4.20	7	18.718	22.19		

5823 $8^m.4$ $3^s.1499$ $-0^s.0144$ $-19''.901$ $-0''.048$ 25°2398

75.	4.26	3	$11^h31^m37^s.542$	$25^\circ\ 9'\ 61''.31$	
76.	5. 5	3	37.745	60.42	
77.	4.24	3	37.706	61.27	
78.	4.30	1	37.846	59.96	
88.	5. 7	7	37.660	59.89	

5824 9.4 3.1576 −0.0159 −19.901 −0.048 27°2040

74.	4.21	3	11 31 38.502	27 21 5.67	Z.C. δ $6''.2$
74.	4.27	2	38.604	5.84	
75.	4.20	3	38.647	6.74	
77.	5. 4	3	38.618	6.58	

5825 9 0 3.1632 −0.0173 −19.905 −0.048 29°2191

73.	3.21	3	11 32 0.257	29 10 54.51	
73.	4.23	3	0.113	55.10	
74.	5. 2	3	0.277	55.06	
75.	4.22	3	0.155	54.91	
78.	4.27	3	0.153	56.84	

5826 9.5 3.1545 −0.0158 −19.912 −0.046 27°2041

74.	4.21	3	11 32 41.175	27 21 5.46	
74.	4.27	3	40.986	4.97	
75.	4.20	3	41.313	4.88	

5827 9.4 3.1518 −0.0153 −19.912 −0.046 26°2240

74.	4.28	3	11 32 43.394	26 36 13.18	
75.	4. 5	3	43.433	13.70	
76.	4. 1	3	43.446	13.80	v. ft.

5828 9.2 3.1525 −0 0155 −19.913 −0.045 27°2042

73.	5. 2	2	11 32 48.931	26 54 10 37	Z.C. δ $9''.5$
74.	4.30	3	48.895	10.09	
79.	4.24	2	49.130	8.99	v. ft.
79.	5. 1	3	49.085	8.68	

5829 7.7 3.1490 −0.0148 −19.915 −0.045 26°2241

73.	5. 1	3	11 32 57.027	25 59 43.19	Z.C. α $56^s.99$
75.	4. 5	3	57.048	42.61	
76.	5. 8	3	57.088	42.75	
77.	5. 2	3	56.901	41.84	
79.	5. 6	3	56.966	41.98	
79.	5. 6	3	56.915	41.50	

5830 8.0 3.1543 −0.0160 −19 916 −0.046 27°2044

73.	5. 2	2	11 33 4.925	27 38 56 13	d.p.
74.	4.21	2	4.695	55.02	d.p.
74.	4.30	3	5.061	56.57	
75.	4.20	3	4.875	55.89	d.p.
79.	5. 2	3	4.884	56.35	c.d.p.

5831 9.5 3.1472 −0.0145 −19.916 −0.045 25°2400

73.	4.21	3	11 33 5.489	25 35 33.78	
74.	4.23	3	5.411	34.44	
79.	4.26	3	5 971	35.30	v. ft.

5832 8.8 3.1581 −0.0169 −19.918 −0.045 28°2026

73.	4.19	3	11 33 16.266	28 52 16.24	
74.	4.20	3	16.281	16.03	
76.	4.25	3	16.398	16.98	
76.	5. 9	3	16.421	18.27	
77.	5. 3	3	16.469	15.42	
79.	4.21	3	16.664	16.07	
79.	4.21	2	16.504	16.13	
79.	4.28	2	16.426	17.37	

5833 $9^m.4$ $3^s.1495$ $-0^s.0151$ $-19''.919$ $-0''.044$ 26°2242

74.	4.28	3	$11^h33^m19^s.342$	$26^\circ\ 26'\ 31''.15$	
79.	5. 3	3	19.670	30.82	

5834 9.4 3.1617 −0.0179 −19.921 −0.045 30°2183

85.	4.18	7	11 33 34.199	30 11 5.21	
85.	4.20	6	34.317	5.01	
85.	4.21	7	34.361	4.78	

5835 9.0 3.1433 −0.0140 −19.921 −0 044 24°2377

74.	4.23	2	11 33 34.240	24 48 42.47	
76.	5. 4	3	34.486	42.36	
76.	5. 5	2	34.301	42.58	

5836 9.1 3.1560 −0.0167 −19.922 −0.044 28°2027

73.	4.19	3	11 33 37.457	28 36 2.46	
74.	4.20	3	37.483	0.84	
76.	4.25	2	37.703	1.03	
77.	4.10	3	37.453	1.44	
77.	4.10	2	37.483	1.24	
79.	5. 5	3	37.570	0.95	
79.	5. 9	3	37.805	1.99	v. ft.

5837 8.8 3.1446 −0.0142 −19.922 −0.044 25°2401

73.	4.18	3	11 33 38 132	25 13 30.13	
75.	4.26	3	38.092	29.36	
76	5. 5	1	38.100	30.41	
76.	5. 6	3	38.090	30.24	
77.	4.24	3	38.098	29.74	

5838 7.3 3.1498 −0.0154 −19.922 −0.044 26°2243

76.	4 1	1	11 33 39.774	26 50 48.36	
76.	5. 8	3	39.823	48.61	
77.	5. 2	3	39.526	46.61	
86.	4.30	7	39.631	47.26	
87.	5. 9	7	39.685	49.73	§

5839 7.4 3.1483 −0.0151 −19.923 −0.044 26°2244

73.	4.26	3	11 33 44.722	26 28 39.91	haze
73.	5. 1	3	44.655	41.41	Z.C. δ $39''.8$
74.	4.28	2	44.609	39.98	
77.	5. 9	3	44.520	38.47	
77.	5. 9	3	44.690	39.09	
86.	5. 3	7	44.539	40.09	

5840 8.4 3.1425 −0.0144 −19.932 −0.042 25°2403

73.	4.18	3	11 34 42.589	25 29 57 14	
73.	4.21	3	42.574	56.69	
74	4.23	3	42.292	56.97	
75.	4.26	3	42.452	56.76	+ 5′
76.	5. 4	3	42.458	57.14	
77.	4.24	3	42.473	57.15	
79.	4.26	3	42.526	55.74	
79.	4.26	2	42.456	57.13	

5841 8.0 3.1507 −0.0164 −19.935 −0.041 28°2029

73.	4.19	2	11 34 58.866	28 19 8.94	
74.	4.20	3	58.619	9.96	
76.	4.25	3	58.581	10.99	
76.	5. 9	3	58.551	11.69	
77.	5. 3	3	58.688	8.73	
78.	4.27	3	58.580	11.48	
78.	4.27	2	58.480	11.62	
79.	5. 1	3	58.661	9.92	
79.	5. 1	2	58.811	11.18	

5842 $9^{m}.0$ $3^{s}.1545$ $-0^{s}.0173$ −19″.936 −0″.041 29°2196

73. 3.21	3	$11^{h}35^{m}$ $5^{s}.617$	29° 32′ 51″.92	
73. 4.23	3	5.464	51.84	
74. 5. 2	3	5.516	51.91	
75. 4.22	3	5.594	52.21	
77. 5. 7	3	5.557	52.33	

5843 7.9 3.1443 −0.0151 −19.938 −0.040 26°2248

73. 4.26	3	11 35 19.305	26 37 15.55	
73. 5. 1	3	19.358	15.40	
74. 4.28	3	19.254	14.60	
75. 4. 5	3	19.488	14.20	
76. 5. 8	3	19.469	15.10	
77. 5. 2	3	19.327	14.02	
79. 5. 2	3	19.413	13.85	
79. 5. 2	3	19.343	14.39	
79. 5. 3	3	19.421	14.70	

5844 8.5 3.1362 −0.0136 −19.944 −0.039 24°2384

85. 4.18	5	11 35 58.993	24 35 47.25	
85. 4.20	5	59.017	48.84	
85. 5. 8	7	58.988	48.24	
88. 5. 7	7	59.054	48.16	

5845 8.8 3.1458 −0.0160 −19.946 −0.039 28°2032

74. 4.20	3	11 36 12.517	27 56 40.27	
76. 4.25	3	12.813	38.90	
76. 5. 9	3	12.690	40.57	
79. 4.21	3	12.985	38.67	

5846 7.3 3.1462 −0.0166 −19.952 −0.037 28°2033

73. 4.19	3	11 36 50.961	28 44 53.02	
74. 4.20	3	50.957	50.78	
76. 5. 9	3	50.908	53.13	
77. 4.10	3	50.903	51.19	
77. 4.10	2	50.933	51.62	
79 4.21	3	50.896	50.77	
79. 5. 9	3	50.901	51.71	

5847 8.0 3.1445 −0.0162 −19.953 −0.037 28°2034

73. 4.16	2	11 36 56.243	28 15 42.99	Z.C. δ 42″.5
73. 4.19	2	56.117	42.16	
77. 5. 3	3	56.226	42.29	

5848 8.3 3.1487 −0.0172 −19.953 −0.037 29°2201

73. 3.21	3	11 37 0.791	29 44 16.49	
73. 4.23	3	0.772	18.06	
74. 5. 2	3	0.616	16.72	
75. 4.22	3	0.782	17.88	
77. 4.19	2	0.773	17.86	
77. 5. 7	3	0.727	17.48	

5849 9.5 3.1424 −0.0164 −19.954 −0.037 — —

75. 4.20	2	11 37 1.252	27 37 11.59	†

5850 9.5 3.1343 −0.0139 −19.956 −0.036 25°2406

73. 4.18	3	11 37 15.559	25 4 50.06	†

The observations made during revision give R.A. $0^{s}.7$ greater: Oxford photographs give R.A. $0^{s}.2$ greater.

5851 7.0 3.1331 −0.0136 −19.956 −0.036 24°2386

73. 4.21	3	11 37 16.659	24 42 14.85	
85. 4.21	7	16.665	15.48	
85. 4.27	7	16.659	15.32	

5852 $9^{m}.2$ $3^{s}.1330$ $-0^{s}.0136$ −19″.957 −0″.036 24°2387

73. 4.21	2	$11^{h}37^{m}24^{s}.635$	24° 46′ 31″.18	Z.C. δ 31″.7
74. 4.23	3	24.376	32.04	
75. 4 26	3	24 670	31.87	
76 5. 4	3	24.650	31.57	
77. 4.24	3	24.508	31.95	

5853 7.5 3.1484 −0.0176 −19.958 −0 036 30°2189

85. 4.18	6	11 37 35.188	30 16 24.91	
85. 4.20	6	35.114	26.38	s. p. of 2
85. 5.11	7	35.116	25.30	

5854 6.2 3 1353 −0.0144 −19.959 −0.036 26°2250

73. 4.26	3	11 37 42.588	25 54 41.82	
73. 5. 1	3	42.699	41.79	s. p. of 2
74. 4.28	3	42.599	43.30	
75. 4. 5	3	42.599	41.44	s. p. of 2
76. 4. 1	3	42.544	41.83	
76. 5. 8	3	42.642	42.18	
77. 5. 2	3	42.410	39.38	
77. 5. 2	2	42.470	40.80	
77. 5. 9	3	42.451	41.70	
77. 5 9	3	42.511	41.59	
79. 5. 2	3	42.464	41.58	
79. 5. 2	2	42.254	41.35	
79. 5. 3	3	42.543	41.47	
79. 5. 3	3	42.433	42.19	

5855 9.2 3.1322 −0.0139 −19.962 −0.035 25°2409

73. 4.18	3	11 37 58.813	25 4 51.70	
74. 4.23	3	58.627	50.77	
76. 5. 4	3	58.844	51.14	− 5′
79. 5. 6	3	58.726	49.74	

5856 9.3 3.1433 −0.0167 −19.963 −0.035 29°2204

73. 3.21	3	11 38 7.682	29 7 22.86	
74. 5. 2	3	7.378	24.26	
88. 5. 7	5	7.558	23.23	

5857 9.0 3.1308 −0.0136 −19.963 −0.035 24°2388

76. 5. 5	3	11 38 10.847	24 45 40.04	
77. 4.24	3	11.084	40.37	
79. 4.26	3	11.016	39.14	

5858 7.1 3.1437 −0.0168 −19.964 −0.035 29°2206

73. 4.23	3	11 38 12.413	29 21 46.27	
75. 4.22	3	12.428	47.05	
77. 5. 7	3	12.431	47.82	
80. 4.30	3	12.423	48.07	
86. 4.30	7	12.364	46.96	

5859 9.4 3.1426 −0.0167 −19.965 −0.034 29°2207 A

78. 4.27	3	11 38 19.094	29 7 24.08	† d.n.p.

5860 9.4 3.1426 −0.0167 −19.965 −0.034 29°2207 B

74. 5. 2	3	11 38 19.237	29 7 17.53	
79. 4.28	3	19.238	18.74	

5861 8.0 3.1393 −0.0159 −19.966 −0.034 28°2037

74. 4.20	3	11 38 26.938	28 6 19.01	−10′
76. 4.25	3	27.105	20.41	
76. 5. 9	3	26.850	20.78	

5862 9.1 $3^{s}.1405$ $-0^{s}.0164$ $-19''.968$ $-0''.034$ 28°2038

76.	4.25	3	$11^{h}38^{m}42^{s}.176$	28° 48′ 62″.21	
77.	5. 3	3	42.322	59.36	
79.	4.21	3	42.162	60.48	− 1 int.

5863 7.3 3.1373 −0.0157 −19.969 −0.033 28°2039

73.	4.19	3	11 38 54.551	27 54 44.45	Z.C. δ 44″.0
75.	4.20	3	54.658	43.23	
76.	5. 9	3	54.566	44.78	
79.	5. 9	3	54.794	43.93	
86.	5. 3	7	54.724	43.62	

5864 8.3 3.1313 −0.0143 −19.970 −0.033 25°2411

74.	4.23	2	11 39 1.658	25 48 22.10	
76.	5 6	3	1.890	22.79	
78.	5. 4	3	2.202	21.80	

5865 9.5 3.1297 −0.0139 −19.971 −0.033 25°2412

75.	4.26	3	11 39 4.422	25 14 2.34	
93.	4.22	4	4.729	2.82	

5866 9.2 3.1399 −0.0167 −19.972 −0.032 29°2209

73.	3.21	3	11 39 17.271	29 17 32.33	
75.	4.22	3	17.175	32.05	− 1 int. −5′.§
77.	4.19	3	17.497	30.77	
78.	4.27	3	17.128	32.64	

5867 9.0 3.1349 −0.0156 −19.973 −0.032 — —

89.	4.29	5	11 39 19.603	27 48 58.89	
89.	5. 2	5	19.616	60.27	ex. ft.

5868 9.4 3.1312 −0.0145 −19.973 −0.032 26°2253

73.	5. 1	3	11 39 25.448	26 11 17.16	
74.	4.28	3	25.202	17.03	
75.	4. 5	3	25.381	16.05	

5869 8.4 3.1395 −0.0167 −19.974 −0.032 29°2210

73.	4.23	3	11 39 28.370	29 21 46.37	Z.C. δ 46″.5
75.	4.22	2	28.600	45.74	
79.	5. 5	3	28.314	47.63	
80.	4.29	3	28.610	46.39	
80.	4.30	3	28.542	47.10	
81.	5. 7	3	28.574	45.71	
92.	4.27	6	28.501	46.50	

5870 Not found on revision 97.4.29 and 97.5.3: not found on Oxford photograph 1902.5.5. Apparently an error for 5866 q. v.

5871 9.0 3.1343 −0.0154 −19.975 −0.032 27°2053

74.	4.21	3	11 39 33.943	27 32 16.40	Z.C. δ 16″.5
74.	4.27	3	33.818	17.10	
77.	5. 4	3	34.149	16.10	− 1′

5872 9.5 3.1348 −0.0156 −19.976 −0.032 28°2040

75.	4.20	2	11 39 41.386	27 53 13.95	†

5873 9.0 3.1278 −0.0138 −19.977 −0.031 25°2415

73.	4.18	3	11 39 49.873	25 18 39.53	
74.	4.23	2	49.791	38.49	
76.	5. 4	3	49.815	38.35	
77.	4.24	3	49.981	38.09	

5874 $9^{m}.0$ $3^{s}.1373$ $-0^{s}.0168$ $-19''.980$ $-0''.030$ 29°2213

79.	5. 5	3	$11^{h}40^{m}17^{s}.246$	29° 31′ 54″.56	
80.	4.26	3	17.410	53.09	
80.	4 29	3	17.366	52.85	
80.	4.30	3	17.378	53.93	

5875 9.2 3.1323 −0.0154 −19.981 −0.030 27°2054

74.	4.21	2	11 40 24.954	27 44 5.83	Z.C. δ 5″.2
74.	4.27	1	24.878	5.45	
77.	5. 4	3	25.255	5.28	
90.	4.22	7	25.145	5.40	
90.	4.30	7	25.142	3.90	

5876 8.7 3.1321 −0.0154 −19.981 −0.030 27°2055

74.	4.21	2	11 40 26.994	27 43 1.50	
74.	4.27	2	27.058	2.19	

5877 9.0 3.1343 −0.0163 −19.983 −0.030 28°2042

73.	4.16	3	11 40 40.616	28 53 12.82	
92.	4.22	7	40.684	11.00	
92.	4.25	5	40.866	9.51	

5878 9.2 3.1321 −0.0157 −19.984 −0.029 28°2043

77.	5. 3	3	11 40 46.467	28 8 0.54	Z.C. δ 1″.5
79.	4.21	3	46.855	1.81	
79.	4.28	3	46.502	2.17	

5879 7.6 3.1247 −0.0136 −19.984 −0.029 25°2418

75.	4.26	3	11 40 49.697	25 7 10.13	
76.	5. 4	3	49.968	10.16	
76.	5. 5	3	50.023	10.15	
79.	5. 6	3	49.788	9.30	

5880 8.5 3.1318 −0.0157 −19.984 −0.029 28°2044

76.	4.25	3	11 40 50 465	28 5 32.87	Z.C. δ 32″.7
77.	4.10	3	50.231	32.23	
77.	5. 3	3	50.648	32.70	
84.	4.24	7	50.452	32.91	

5881 9.0 3.1290 −0.0150 −19.985 −0.029 27°2057

77.	5. 4	1	11 40 59.355	27 6 31.48	Z.C. δ 30″.6
79.	5. 2	3	59.038	29.74	+ 1 int.

5882 7.5 3.1298 −0.0156 −19.989 −0.028 28°2046

83.	5. 7	3	11 41 26.733	28 2 5.22	
84.	4.18	4	26.680	5.02	
84.	4.21	4	26.782	5.98	

5883 9.3 3.1297 −0.0156 −19.989 −0.028 28°2047

79.	4.28	3	11 41 30.530	28 5 37.86	
80.	4.26	3	30.409	36.53	
80.	4.30	3	30.543	37.36	
82.	4.27	2	30.578	35.43	
84.	4.22	4	30.893	39.26	
84.	4.30	3	30.437	37.65	

5884 9.3 3.1222 −0.0134 −19.990 −0.028 25°2420

77.	4.24	3	11 41 36.174	24 56 18.50	
82.	5. 1	3	36.348	17.04	
84.	4.30	1	36.194	19.19	

5885 6.9 3.1309 −0.0164 −19.992 −0.027 29°2214

73.	3.21	3	11 41 56.074	29 6 42.07	
75.	4.22	3	56.089	43.40	
79.	5. 5	3	56.044	42.85	+ 1^{m}

5886	$6^{\rm m}8$	$3^{\rm s}1313$	$-0^{\rm s}0166$	$-19''993$	$-0''027$	29°2216
79.	5. 5	3	$11^{\rm h}42^{\rm m}\ 6^{\rm s}837$	$29^\circ\ 29'\ 41''92$		
84.	4.18	3	6.685	40.27		
84.	4.21	4	6.855	41.93		
5887	7.2	3.1277	−0.0161	−19.997	−0.026	28°2048
77.	5. 3	3	11 42 42.613	28 48 56.22		Z.C. δ 57″6
79.	4.28	3	42.601	58.07		
83	5. 7	3	42.478	58.47		
5888	7.5	3.1296	−0.0170	−20.000	−0.025	30°2194
85.	5. 8	7	11 43 5.279	30 11 36.38		
85.	5. 9	7	5.383	36.24		
85.	5.11	7	5.211	36.21		
5889	7.8	3.1227	−0.0159	−20.007	−0.022	28°2050
78.	4 27	3	11 44 15.227	28 47 28.58		Z.C. δ 29″3
78.	4.27	2	15.337	29.61		
79.	4 28	3	15.418	29.83		
79.	5. 5	3	15.325	29.33		
5890	9.4	3.1201	−0.0153	−20.008	−0.022	28°2051
80.	4.26	3	11 44 27.925	27 54 22.46		
86.	5. 1	7	27.528	21.87		ex. ft.
5891	9.4	3.1173	−0.0144	−20.009	−0.022	26°2259
73.	5. 1	2	11 44 39.677	26 43 32.33		
74.	4.28	3	39.326	34.24		
75.	4. 5	3	39.286	32.89		
5892	9.2	3.1152	−0.0139	−20.011	−0.021	26°2260
91.	5. 5	6	11 44 53.312	26 1 55.88		
92.	4.25	6	53.431	52.24		
5893	9.5	3.1172	−0.0146	−20.011	−0.021	— —
74.	4.21	3	11 44 54.917	27 2 26.94		†
5894	9.5	3.1149	−0.0139	−20.011	−0.021	25°2426
73.	4.18	3	11 44 56.760	25 53 18.66		†
5895	9.4	3.1214	−0.0165	−20.013	−0.021	29°2222
73.	3.21	3	11 45 15.008	29 43 58.49		
74.	5. 2	2	14.971	58.83		
75.	4.22	3	14.843	59.42		
5896	9.5	3.1158	−0.0146	−20.013	−0.020	27°2063
74.	4.21	2	11 45 21.484	27 3 38.85		†
5897	9.0	3.1138	−0.0141	−20.015	−0.020	26°2261
73.	4 26	3	11.45 37.502	26 25 5.91		
74.	4.28	2	37.523	6.75		
75.	4. 5	3	37.402	5.50		
85.	5. 9	7	37.455	7.32		
5898	9.0	3.1125	−0.0139	−20.016	−0.019	26°2262
73.	5. 1	3	11 45 55.592	26 8 16.95		
76.	5. 8	3	55.533	17.37		v. ft.
77.	5. 2	3	55.570	15.36		
5899	9.4	3.1132	−0.0144	−20.018	−0.019	26°2263
78.	4.30	1	11 46 8.956	26 52 41.51		
79.	4.24	3	9.145	40.05		
79.	5. 2	3	8.881	39.54		
85.	5. 8	6	8.822	40.56		
5900	$9^{\rm m}4$	$3^{\rm s}1110$	$-0^{\rm s}0137$	$-20''018$	$-0''018$	25°2428
73.	4.18	2	$11^{\rm h}46^{\rm m}16^{\rm s}817$	$25^\circ\ 51'\ 55''11$		
75.	4.26	3	16.792	56.60		
79.	5. 3	3	17.011	56.25		v. ft.
79.	5. 6	3	16.960	55.11		
5901	8.3	3.1167	−0.0159	−20.018	−0.018	29°2225
74.	5. 1	3	11 46 17.392	29 6 13.43		
75.	4.22	3	17.236	12.59		
77.	4.19	3	17.480	14.38		
81.	4.26	3	17.533	13.14		
5902	8.3	3.1164	−0.0158	−20.018	−0.018	28°2052
73.	4.16	3	11 46 18.510	28 53 14.26		
74.	4.20	3	18.598	13.96		
76.	4.25	3	18.694	12.77		
76.	5. 9	3	18.695	14.52		
77.	4.10	3	18.524	13.35		
77.	4.10	3	18.754	13.16		
5903	9.0	3.1156	−0.0160	−20.020	−0.018	29°2226
73.	3.21	3	11 46 41.366	29 12 37.55		
74.	5. 2	3	41.451	39.02		
77.	5. 7	3	41.507	38.24		
79.	5. 5	3	41.499	38.31		
79.	5. 5	2	41.399	38.82		
5904	9.2	3.1119	−0.0145	−20.020	−0.018	27°2064
75.	4.20	3	11 46 41.892	27 6 5.40		Z.C. α $41^{\rm s}95$
77.	5. 4	3	41.998	5.56		w. $3-1^{\rm s}$
92.	4.22	4	41.819	4.26		v. ft.
92.	4.25	1	42.087	1.04		
5905	9.1	3.1104	−0.0140	−20.021	−0.017	26°2265
74.	4.22	3	11 46 45.456	26 17 36.10		
74.	4.28	3	45.278	35.67		
75.	4. 5	3	45.503	33.58		
5906	9.1	3.1131	−0.0151	−20.021	−0.017	28°2055
74.	4.20	3	11 46 48.314	28 0 7.61		
76.	5. 9	3	48.253	10.16		
79.	4.21	3	48.481	8.43		
79.	4.28	3	48.386	9.63		§
79.	5. 1	3	48.340	8.44		
5907	9.0	3.1131	−0.0152	−20.021	−0.017	28°2056
76.	4.25	3	11 46 50.313	28 5 7.04		
77.	5. 3	3	50.485	5.35		
79.	5. 9	3	50.318	8.13		
5908	8.8	3.1157	−0.0165	−20.022	−0.017	30°2200
85.	4.21	7	11 47 5.167	30 1 3.99		
85.	4.25	7	5.282	3.54		
85.	4.27	7	5.382	4.14		
5909	9.4	3.1105	−0.0145	−20.023	−0.017	27°2066
74	4.21	3	11 47 11.510	27 7 23.52		
92.	4.27	7	11.928	20.78		
5910	8.7	3.1119	−0.0155	−20.025	−0.016	28°2058
74.	4.20	1	11 47 34.415	28 39 31.61		
76.	4.25	2	34.477	29.97		
77.	5. 3	3	34.460	31.15		
78.	4.27	3	34.211	33.33		
78.	4.27	3	34.331	33.34		
79.	5. 1	3	34.292	31.20		

5911 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.1081$ $-0^{\mathrm{s}}.0140$ $-20''.025$ $-0''.016$ 26°2266

73.	5. 1	3	$11^{\mathrm{h}}47^{\mathrm{m}}36^{\mathrm{s}}.550$	$26^\circ\,23'\,42''.21$	
74.	4.22	2	36.689	42.84	
74.	4.28	2	36.470	44.65	
75.	4. 5	3	36.579	41.54	
79.	5. 2	3	36.672	42.83	

5912 9.2 3.1090 −0.0145 −20.025 −0.016 27°2068

74.	4.21	2	11 47 39.758	27 5 34.54	Z.C. δ 35″.0
74.	4.30	3	39.773	35.55	
75.	4.20	3	39.939	34.10	
77.	5. 4	3	40.049	37.02	
77.	5. 8	3	39.970	33.88	

5913 8.9 3.1063 −0.0133 −20.025 −0.016 25°2430 A

76.	5. 4	1	11 47 40.413	25 23 8.70	
76.	5. 5	2	40.657	9.07	
77.	4.23	3	40.571	8.74	
78.	5. 4	3	40.704	11.28	

5914 8.8 3.1063 −0.0133 −20 025 −0.016 25°2430 B

75.	4.26	3	11 47 41.675	25 22 45.34	Z.C. δ 45″.4
76.	5. 4	3	41.553	45.03	
76.	5. 5	3	41.557	45.87	
77.	4.23	2	41.751	44.63	
78.	5. 4	2	41.654	46.04	

5915 9.1 3.1062 −0.0140 −20.028 −0.014 26°2267

76.	4. 1	3	11 48 16.969	26 29 1.83	
92.	4.30	1	17.350	3.44	ex. ft.

5916 9.5 3.1081 −0.0149 −20.029 −0.014 28°2060

86.	5. 4	7	11 48 24.188	27 54 32.05	ex. ft.
90.	4.22	4	24.164	32.66	

5917 8.9 3.1055 −0.0140 −20.029 −0.014 26°2268

73.	4.26	3	11 48 33.063	26 27 17.82	
75.	4. 5	1	33.086	16.20	
76.	4. 1	3	32.973	17.54	
76.	5. 8	3	33.000	18.23	
77.	5. 9	3	32.954	18.04	
92.	4.28	7	33.197	16.28	

5918 9.0 3.1087 −0.0159 −20.030 −0.013 29°2229

73.	3.21	3	11 48 48.812	29 12 58.02	Z.C. δ 57″.9
74.	5. 1	3	48.840	59.19	
74.	5. 2	3	48.554	57.07	
77.	4.19	3	48.816	57.64	
77.	5. 7	3	48.812	57.83	
79.	5. 5	3	48.779	57.74	

5919 7.0 3.1040 −0.0137 −20.031 −0.013 26°2270

73.	4.26	3	11 48 58.341	26 13 5.74	
73.	5. 1	3	58.297	5.29	
74.	4.22	2	58.283	5.90	
74.	4.28	3	58.215	6.42	
76.	5. 8	3	58.217	5.35	
77.	5. 2	3	58.066	3.84	
77.	5. 2	2	58.046	4.28	
79.	5. 2	3	58.130	4.08	−15′
79.	5. 6	3	58.157	4.41	
79.	5. 6	3	58.167	4.77	

5920 $9^{\mathrm{m}}.0$ $3^{\mathrm{s}}.1067$ $-0^{\mathrm{s}}.0157$ $-20''.033$ $-0''.012$ 29°2231

74.	5. 1	2	$11^{\mathrm{h}}49^{\mathrm{m}}25^{\mathrm{s}}.317$	$29^\circ\,7'\,59''.10$	
74.	5. 2	3	25.530	57.93	
77.	5. 7	3	25.404	58.59	
81.	4.26	3	25.565	58.65	

5921 9.4 3.1043 −0.0147 −20.033 −0.012 27°2069

74.	4.21	3	11 49 27.984	27 37 27.94	
74.	4.30	3	27.629	28.82	
75.	4.20	3	28.039	27.49	

5922 8.6 3.1021 −0.0137 −20 033 −0.012 26°2271

73.	5. 1	3	11 49 34.071	26 11 24.03	
74.	4.22	1	34.410	24.75	
74.	4 28	1	33.990	22.89	
76.	5. 8	2	34.336	23.66	
79.	5. 2	2	34.255	21.03	

5923 9.3 3.1055 −0.0157 −20.034 −0.011 29°2233

74.	5. 1	2	11 49 46.744	29 7 48 12	Z.C. δ 48″.4
81.	4.26	3	46.972	48.63	

5924 7.0 3.1060 −0.0160 −20.034 −0.011 29°2234

73.	3.21	2	11 49 48.628	29 33 14.04	
74.	5. 2	2	48.538	13.48	
75.	4.22	3	48.611	14.15	
78.	4.27	3	48.453	13.70	
78.	4.27	2	48.583	14.53	
79.	5. 5	3	48.582	14.76	

5925 6.8 3.1027 −0.0145 −20.035 −0.011 27°2070

74.	4.21	1	11 49 55.287	27 22 28.63	Z.C. δ 28″.5
77.	5. 4	3	55.399	29.28	
77.	5. 8	3	55.379	27.51	
79.	4.24	3	55.198	28.12	
79.	5. 1	3	55.253	28.90	

5926 9.0 3.1002 −0.0133 −20.035 −0.011 25°2436

73.	4.18	3	11 50 2.325	25 40 61.05	Z.C. δ 1″.0
75.	4.26	3	2.571	61.71	
76.	5. 4	3	2.535	61.03	
76.	5. 5	3	2.478	61.23	
77.	4.23	3	2.490	59.85	
77.	4.24	3	2.507	60.96	
78.	5. 4	3	2.630	61.44	

5927 9.4 3.0994 −0.0130 −20.036 −0.011 25°2437

78.	4.30	3	11 50 8.916	25 14 61.47	
86.	4.30	7	9.119	59.33	

5928 9.1 3.0989 −0.0131 −20.037 −0.010 25°2438

76	5. 5	1	11 50 22.505	25 24 35.58	Z.C. δ 35″.3
77.	4.24	2	22.715	34.98	

5929 8.4 3.1007 −0.0147 −20.038 −0.009 27°2071

74.	4.30	3	11 50 46.125	27 51 20.63	
75.	4.20	3	46.052	19.54	
77.	5. 8	3	46.139	18.74	

5930 9.2 3.0990 −0.0138 −20.038 −0.009 26°2275

73.	4.26	2	11 50 47.718	26 31 3.26	v. ft.
73.	5. 1	2	47.775	5.15	Z.C. δ 4″.5
74.	4.22	1	47.675	4.93	
77.	5. 9	3	47.838	4.74	

5931 $8^m.8$ $3^s.0974$ $-0^s.0130$ $-20''.038$ $-0''.009$ 25°2440

75.	4.26	2	11^h	50^m	$52^s.147$	25°	17′	$21''.56$	
76.	5. 4	3			51.932			21.17	
78.	5.11	3			51.898			21.66	
79.	5. 3	3			51.923			20.54	
79.	5. 3	3			51.843			21.47	

5932 7.5 3.0996 −0.0144 −20.039 −0.009 27°2073

74.	4.30	3	11	50	59.431	27	27	47.91	
79.	4.24	3			59.418			45.35	
79.	5. 1	3			59.191			46.19	
79.	5. 9	3			59.340			46.70	

5933 8.8 3.1025 −0.0162 −20.039 −0.009 30°2205

74.	5. 1	1	11	51	1.517	29	58	11.48	Z.C. δ $11''.5$
74.	5. 2	3			1.551			11.78	
75.	4.22	2			1.497			10.94	
77.	4.19	3			1.744			11.88	

5934 7.7 3.1011 −0.0157 −20.039 −0.009 29°2237

73.	3.21	1	11	51	9.353	29	15	2.70	Z.C. δ $2''.8$
75.	4.22	3			8.885			2.03	
77.	5. 7	3			9.198			3.06	
79.	5. 5	3			9.003			3.38	

5935 9.5 3.1023 −0.0163 −20.039 −0.009 30°2206

85.	5. 8	6	11	51	9.549	30	10	38.64	
85.	5. 9	7			9.573			39.12	

5936 9.3 3.0975 −0.0137 −20.040 −0.008 26°2277

74.	4.28	3	11	51	18.873	26	31	27.24	− 1 int.
75.	4. 5	3			18.970			25.33	
86.	5. 1	7			18.996			26.74	

5937 8.8 3.0962 −0.0132 −20.040 −0.008 25°2441

73.	4.18	3	11	51	28.233	25	39	43.50	
77.	4.23	3			28.264			41.90	
78.	4.30	3			28.192			44.51	

5938 7.8 3.0959 −0.0132 −20.041 −0.008 25°2442

76.	5. 4	1	11	51	37.648	25	50	2.38	
76.	5. 5	1			37.741			0.69	
78.	5. 4	3			37.944			1.77	
78.	5.11	3			37.780			1.99	
79.	5.16	3			37.708			1.05	

5939 9.0 3.0950 −0.0129 −20.041 −0.008 25°2443

85.	4.21	7	11	51	41.726	25	11	39.26	
85.	4.25	7			41.928			38.98	
85.	4.27	7			41.853			39.43	

5940 8.8 3.0973 −0.0144 −20.041 −0.008 27°2075

74.	4.21	2	11	51	45.800	27	36	27.65	Z.C. δ $27''.3$
75.	4.20	3			45.914			26.19	
77.	5. 4	2			46.098			28.20	-5^s
86.	5. 3	7			46.046			27.68	− ve D + 5″
89.	5. 2	5			46.040			26.68	

5941 9.5 3.0959 −0.0138 −20.042 −0.007 26°2278

75.	4. 5	3	11	51	55.905	26	40	3.95	
77.	5. 9	3			55.978			2.61	
79.	5. 6	1			56.033			3.21	

5942 $8^m.2$ $3^s.0965$ $-0^s.0144$ $-20''.042$ $-0''.007$ 27°2076

77.	5. 8	3	11^h	52^m	$0^s.951$	27°	31′	$57''.48$	Z.C. δ $58''.2$
79.	5. 2	2			0.980			58.54	
85.	4.29	7			1.023			58.58	

5943 8.9 3.0968 −0.0147 −20.042 −0.007 28°2064

73.	4.16	3	11	52	5.130	27	56	60.70	
74.	4.20	3			5.106			57.81	
76.	4.25	3			5.126			57.40	
77.	5. 3	3			5.233			55.64	

5944 9.3 3.0924 −0.0129 −20.044 −0.006 25°2444

73.	4.18	2	11	52	44 096	25	22	7.78	
77.	4.24	3			44.301			7.39	v. ft.
78.	4.30	3			44.026			8.92	
78.	5. 4	3			44.259			8.69	

5945 8.6 3.0959 −0.0156 −20.044 −0.005 29°2242

73.	3.21	3	11	52	48.377	29	27	36.44	
74.	5. 1	3			48.104			38.19	
74.	5. 2	3			48.158			36.30	
75.	4.22	3			48.023			36.31	
77.	4.19	3			48.245			37.50	

5946 8.2 3.0921 −0.0128 −20.044 −0.005 25°2445

73.	4.18	1	11	52	48.637	25	19	26.33	
75.	4.26	2			48.679			24.32	
76.	5. 6	3			48.532			25.57	
78.	4.30	2			48.518			25.13	
78.	5.11	3			48.596			24.82	
79.	5. 3	3			48.588			24.88	

5947 8.2 3.0941 −0.0145 −20.045 −0.005 27°2080

74.	4.30	3	11	52	54.910	27	48	40.79	Z.C. Ep. 76.6
75.	4.20	3			54.996			38.38	
77.	5. 8	3			54.986			38.03	
79.	4.24	3			55.140			39.60	

5948 9.5 3.0929 −0.0146 −20.046 −0.004 28°2067

74.	4.20	3	11	53	21.424	28	4	47.91	
78.	4.27	3			21.265			50.58	
79.	5. 1	1			21.331			48.97	
88.	5. 7	7			21.384			50.59	

5949 9.1 3.0938 −0.0155 −20.046 −0.004 29°2243

74.	5. 2	3	11	53	24.687	29	15	53.64	Z.C. δ $54''.7$
77.	5. 7	3			24.743			55.67	
79.	4.28	3			24.841			54.07	§

5950 9.0 3.0929 −0.0151 −20.046 −0.004 28°2068

73.	4.16	3	11	53	33.000	28	49	3.51	
76.	4.25	3			33.073			2.94	
76.	5. 9	3			32.963			4.14	
77.	5. 3	3			32.983			2.42	

5951 8.6 3.0908 −0.0136 −20.047 −0.004 26°2282

73.	4.26	3	11	53	42.867	26	44	26.88	w. $3 - 1^s$
73.	5. 1	3			42.882			27.76	
74.	4.22	3			42.792			27.69	
75.	4. 5	3			42.961			25.93	f. of 2
77.	5. 9	3			42.769			26.37	

5952 $9^{m}.1$ $3^{s}.0909$ $-0^{s}.0140$ $-20''.047$ $-0''.003$ 27°2082

74. 4.21	3	$11^{h}53^{m}48^{s}.003$	$27°\,18'\,50''.69$	− 15′
74. 4.30	3	47.943	51.38	Z.C. δ $50''.9$
75. 4.20	3	48.115	50.84	
77. 5 4	3	47.987	51.80	-1^{m}
77. 5. 8	3	48.049	49.68	

5953 7.8 3.0911 −0.0158 −20.048 −0.002 29°2245

73. 3.21	3	11 54 22.427	29 53 3.04	Z.C. δ $2''.8$
74. 5. 1	3	22.363	3.40	
77. 4.19	3	22.370	2.19	
79. 5. 5	3	22.311	2.68	

5954 9.0 3.0880 −0.0132 −20.048 −0.002 26°2285

73. 5. 1	3	11 54 27.553	26 4 40.08	
74. 4.22	3	27.262	40.16	
76. 4. 1	3	27.397	38.12	

5955 8.6 3.0893 −0.0149 −20.049 −0.002 28°2069

73. 4.16	3	11 54 40.162	28 39 34.84	Z.C. δ $32''.8$
74. 4.20	3	39.947	32.02	− 5′
76. 4.25	3	40.137	31.94	
76. 5. 9	2	40.357	34.01	
77. 5. 3	2	40.121	31.13	

5956 7.6 3.0860 −0.0123 −20.049 −0.001 25°2448

73. 4.18	3	11 54 53.115	24 54 49.17	
75. 4.26	3	53.061	49.10	
76. 5. 4	3	52.986	48.77	
76. 5. 5	3	53.185	48.94	$+1^{m}$
77. 4.24	3	53.168	48.87	
78. 5. 4	3	53.110	48.08	
78. 5. 4	2	53.190	48.87	
78. 5.11	3	53.123	49.28	
79. 5.16	3	53.087	47.64	

5957 8.4 3.0867 −0.0134 −20.049 −0.001 26°2286

74. 4.28	3	11 54 58.913	26 24 45.53	
75. 4. 5	3	59.127	42.87	
76. 4. 1	3	59.083	42.98	

5958 7.8 3.0882 −0.0159 −20.050 0.000 30°2212

85. 4.21	7	11 55 19.228	30 14 44.49	
85. 4.25	7	19.452	44.02	
85. 4.27	7	19.380	45.21	

5959 9.5 3.0856 −0.0141 −20.051 0.000 — —

74 4.21	3	11 55 38.313	27 44 14.14	
92. 4.25	2	38.915	11.32	

5960 9.0 3.0858 −0.0156 −20.051 +0.001 29°2247

74. 5. 1	3	11 55 57.322	29 52 7.20	
74. 5. 2	3	57.265	5.32	
75. 4.22	3	57.133	5.07	
77. 4.19	3	57.570	6.33	

5961 9.5 3.0852 −0.0150 −20.051 +0.001 29°2248

77. 5. 7	3	11 56 0.246	29 4 6.27	
78. 4.27	3	0.221	7.22	
80. 5. 1	2	0.398	6.20	

5962 $7^{m}.0$ $3^{s}.0824$ $-0^{s}.0124$ $-20''.052$ $+0''.002$ 25°2449

73. 4.18	3	$11^{h}56^{m}18^{s}.369$	$25°\,8'\,47''.16$	
76. 5. 4	3	18.431	48.07	
76. 5. 6	3	18.395	47.49	
78. 5.11	3	18.464	48.07	

5963 7.5 3.0824 −0.0127 −20.052 +0.002 25°2450

76. 5. 4	2	11 56 22.293	25 31 58.78	Z.C. α $22^{s}.25$
76. 5. 5	3	22.297	57.98	
77. 4 24	3	22.328	57.54	
79. 5.16	3	22.087	57.50	

5964 7.7 3.0826 −0.0130 −20.052 +0.002 26°2288

73. 5. 1	3	11 56 22.395	26 1 22.11	Z.C. δ $22''.1$
74. 4.22	3	22.091	22.73	
74. 4 28	1	22.181	23.01	
75. 4. 5	3	22.376	20.69	
76. 5. 8	3	22.424	22.14	
77. 5. 9	3	22.337	22.04	

5965 9.1 3.0817 −0.0122 −20.052 +0.002 24°2420

75. 4.26	3	11 56 30.255	24 52 22.44	ex. ft.
77. 4.24	2	30.193	21.74	Z.C. δ $22''.4$
78. 4.30	3	29.977	24.49	
85. 4.29	6	30.093	20.97	ex. ft. bad [w. 5.6 + 10^{s}

5966 8.8 3.0829 −0.0141 −20.052 +0.002 27°2087

74. 4 21	3	11 56 31.907	27 42 12.06	Z.C. δ $11''.1$
74. 4.30	3	31.896	12.12	
77. 5. 4	3	32.022	10.70	
86. 4.30	5	31.650	9.52	− 1′

5967 9.5 3.0825 −0.0138 −20.052 +0.002 27°2088

75. 4.20	3	11 56 34.570	27 10 14.93	Z.C. δ $14''.9$
77. 5. 8	3	34.478	14.68	
79. 5. 1	3	34.469	15.11	
88. 5. 7	7	34.440	14.91	

5968 8.0 3.0826 −0.0155 −20.052 +0.003 29°2251

73. 3.21	3	11 56 54.311	29 48 59.90	
74. 5. 1	3	54.465	62.52	
74. 5. 2	3	54.399	61.52	
75. 4.22	3	54.342	60.87	
77. 5. 7	3	54.451	61.21	

5969 9.5 3.0810 −0.0132 −20.053 +0.003 26°2290

74. 4.22	2	11 57 0.087	26 29 30.97	
75. 4. 5	3	0.052	27.93	

5970 9.4 3.0803 −0.0125 −20.053 +0.003 25°2452

78. 5. 4	3	11 57 3.944	25 21 14.01	
80. 5. 1	2	3.846	14.64	
85. 5. 7	6	4.167	16.70	bad
85. 5. 8	7	3.778	13.42	

5971 8.8 3.0797 −0.0128 −20.053 +0.004 25°2453

73. 4.18	3	11 57 20.908	25 48 10.31	
76. 5. 4	1	20.745	10.59	
76. 5. 5	3	20.919	8.89	
86. 5. 3	7	20.900	9.18	

5972 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.0799$ $-0^{\mathrm{s}}.0132$ $-20''.053$ $+0''.004$ 26°2293

73. 5. 1	3	$11^{\mathrm{h}}57^{\mathrm{m}}21^{\mathrm{s}}.727$	$26^{\circ}\,29'\,15''.93$	+ 5′
77. 5. 9	2	21.402	14.15	Z.C. δ 15″.4
78. 4.30	3	21.638	16.37	
81. 4.26	2	21.829	15.08	

5973 9.4 3.0803 −0.0147 −20.053 +0.004 28°2073

73. 4.16	3	11 57 30.983	28 47 23.49	
74. 4.20	3	31.035	21.30	
76. 4.25	3	31.153	21.64	v. ft.

5974 7.3 3.0789 −0.0126 −20.053 +0.004 25°2454

76. 5. 6	3	11 57 38.359	25 38 4.67	
78. 5. 4	3	38.499	3.64	
78. 5.11	3	38.380	4.24	
79. 5.16	3	38.435	2.73	

5975 8.4 3.0797 −0.0147 −20.053 +0.005 28°2074

73. 4.16	2	11 57 41.502	28 45 25.24	Z.C. δ 24″.4
74. 4.20	3	41.586	23.42	
76. 4.25	2	41.634	23.82	
76. 5. 9	3	41.528	25.15	-1^{m}
77. 5 3	3	41.538	23.51	
78. 4.27	3	41.489	24.38	
78. 4.27	3	41.269	25.52	

5976 7.8 3.0781 −0.0121 −20.053 +0.005 24°2422

73. 4.18	3	11 57 48.542	24 48 57.03	
75. 4.26	3	48.723	57.25	
76. 5. 5	1	48.507	57.06	
79. 5. 3	2	48.658	57.67	

5977 9.5 3.0784 −0.0141 −20.053 +0.005 27°2091

74. 4.21	3	11 57 59.424	27 52 58.76	† v. ft.
77. 5. 8	3	59.857	56.98	ex. ft.
85. 5. 9	5	60.227	57.58	

5978 9.5 3.0766 −0.0142 −20.054 +0.006 28°2075

74. 4.20	2	11 58 35.965.	28 4 30.02	Z.C. δ 28″.6
79. 5. 1	3	36.069	29.83	− 2 int.
86. 4.30	7	35.995	25.97	ex. ft.

5979 9.3 3.0756 −0.0129 −20.054 +0.007 26°2297

73. 5. 1	3	11 58 51.016	26 17 47.88	
74. 4.22	3	50.949	47.99	
76. 4. 1	3	51.006	48.13	v. ft.
79. 5. 2	2	50.684	48.39	
88. 5. 7	5	50.884	49.34	

5980 9.5 3.0749 −0.0127 −20.054 +0.007 26°2298

75. 4. 5	3	11 59 3.881	25 59 52.44	
79. 5. 6	2	3.796	51.92	
85. 5. 8	5	3.959	52.45	− 1′, ft.

5981 7.8 3.0751 −0.0149 −20.054 +0.007 29°2252

73. 3 21	3	11 59 7.369	29 12 4.64	
74. 5. 1	3	7.421	6.19	
74. 5. 2	3	7.534	5.33	
77. 5. 7	3	7.493	5.31	

5982 8.6 3.0747 −0.0134 −20.054 +0.007 27°2092

74. 4.21	3	11 59 10.355	27 3 24 34	
74. 4.30	3	10.571	25.29	
75. 4.20	3	10.536	23.64	

5983 $8^{\mathrm{m}}.0$ $3^{\mathrm{s}}.0747$ $-0^{\mathrm{s}}.0148$ $-20''.054$ $+0''.007$ 29°2253

76. 5.11	3	$11^{\mathrm{h}}59^{\mathrm{m}}13^{\mathrm{s}}.755$	$28^{\circ}\,59'\,39''.16$	
76. 5.12	3	13.585	37.61	ft.
79. 4.28	3	13.599	37.27	§

5984 9.5 3.0739 −0.0123 −20.054 +0.008 25°2457

93. 4.22	5	11 59 24.739	25 25 25.44	
93. 4.24	6	24.688	27.30	

5985 8.7 3.0736 −0.0134 −20.054 +0.008 27°2093

75. 4.20	2	11 59 31.781	27 9 52.87	Z.C. δ 52″.7
77. 5. 4	3	31.818	53.20	
77. 5. 8	3	32.025	51.95	

5986 8.9 3.0737 −0.0136 −20.054 +0.008 27°2094

74. 4.21	2	11 59 31.976	27 21 52.81	Z.C. δ 54″.6
74. 4.30	3	32.022	55.98	
77. 5. 4	2	32.103	55.01	

5987 8.9 3.0737 −0.0152 −20.054 +0.008 29°2254

73. 3.21	2	11 59 32.855	29 40 42.00	
74. 5. 1	3	32.688	45.37	
74. 5. 2	3	32.711	43.94	

5988 8.9 3.0736 −0.0130 −20.054 +0.008 26°2299

73. 5. 1	3	11 59 32.887	26 21 52.20	
76. 5. 8	3	32.959	52.65	
79. 5. 3	3	33.095	53.15	

5989 8.2 3.0731 −0.0130 −20.054 +0.008 26°2300

76. 5. 8	3	11 59 42.607	26 28 2.53	Z.C. δ 2″.3
77. 5. 9	3	42.647	2.79	
79. 5. 2	3	42.649	2.12	
86. 5. 4	7	42.743	1.79	

5990 9.1 3.0730 −0.0142 −20.054 +0.008 28°2077

81. 5.10	3	11 59 45.650	28 14 38.20	Z.C. δ 38″.9
81. 5.11	3	45.447 .	39.56	

5991 9.3 3.0710 −0.0130 −20.054 +0.010 26°2303

75. 4. 5	3	12 0 23.775	26 37 35.00	
92. 4.29	7	23.974	35.42	

5992 9.1 3.0703 −0.0143 −20.054 +0.010 28°2079

73. 4.16	2	12 0 36.187	28 29 33.81	
74. 4.20	3	36.202	31.89	
76. 4.25	3	36.301	33.04	
76. 5. 9	3	36.287	32.60	
79. 5. 9	3	36.468	32.00	
92. 4.22	7	36.197	32.67	
92. 4.27	6	36.547	31.81	

5993 9.4 3.0686 −0.0129 −20.054 +0.011 26°2304

73. 5. 1	3	12 1 13.626	26 35 44.15	
74. 4.22	3	13.508	43.86	
76. 4. 1	2	13.806	43.40	

5994 9.5 3.0688 −0.0117 −20.054 +0.011 24°2427

78. 5. 4	2	12 1 17.575	24 44 42.27	Z.C. δ 42″.8
79. 5. 6	1	17.890	44.45	ex. ft.
81. 4.26	3	17.684	41.67	

5995 9^m.5 3^s.0678 −0^s.0139 −20″.054 +0″.011 28°2081

73. 4.16	2	12^h	1^m	26^s.171	28°	0′	54″.46	
74. 4.20	2			26.169			52.47	

5996 9.1 3.0682 −0.0126 −20.054 +0.011 26°2305

74. 4.28	3	12	1	26.493	26	1	54.60	
92. 4.27	3			26.746			52.45	

5997 8.3 3.0676 −0.0125 −20.054 +0.012 26°2307

74. 4.22	3	12	1	37.997	26	4	30.01	
74. 4.28	3			38.001			30.10	
75. 4. 5	3			38.227			27.26	
76. 5. 8	3			38.203			28.82	
86. 5. 3	7			38.129			28.64	

5998 8.9 3.0657 −0.0143 −20.053 +0.012 28°2082

93. 4.19	5	12	2	3.417	28	40	48 39	
93. 4.21	7			3.342			46.51	

5999 8.8 3.0654 −0.0144 −20.053 +0 012 28°2083

81. 5.10	3	12	2	8.619	28	51	58.95	Z.C. α 8^s.47
81. 5.11	3			8.476			58.85	Z.C. δ 59″.4
81. 5.12	3			8.321			60.37	ft. + 5′

6000 8.6 3.0662 −0.0122 −20.053 +0.012 25°2465

73. 4.18	3	12	2	9.962	25	29	45.31	
75. 4.26	3			9.794			45.25	+5′
76. 5. 4	3			9.968			46.75	
76. 5. 5	3			9.871			45.74	
77. 4.23	3			9.910			46.04	
78. 5.11	3			9.977			46.90	

6001 7.0 3.0656 −0.0132 −20.053 +0.012 27°2100

74. 4.21	3	12	2	14.512	27	11	25.94	Z.C. δ 25″.6
74. 4.30	3			14.676			27.95	
75. 4.20	3			14.435			26.05	
77. 5. 4	3			14.586			25.75	
77. 5. 4	2			14.626			25.15	
77. 5. 8	3			14.633			24.40	
77. 5. 8	2			14.633			25.21	
86. 4.30	5			14.633			24.65	

6002 9.5 3.0649 −0.0128 −20.053 +0.013 26°2309

73. 5. 1	3	12	2	32.023	26	39	8.84	Z.C. δ 7″.9
74. 4.22	3			32.018			7.50	v. ft.
75. 4. 5	3			32.090			7.47	
77. 5. 9	3			32.088			7.81	

6003 8.9 3.0651 −0.0121 −20.053 +0.013 25°2466

73. 5.12	3	12	2	34.779	25	23	48.06	
76. 5. 4	3			34.697			50.31	
78. 4.30	3			34.559			49.34	
79. 5. 6	3			34.761			49.38	

6004 9.5 3.0635 −0.0128 −20.053 +0.014 26°2310

74. 4 28	3	12	3	0.810	26	38	50.24	v. ft.
77. 5. 9	3			0.811			46.78	Z.C. δ 48″.5

6005 8.8 3.0623 −0.0143 −20.052 +0.014 29°2258

76. 5.11	3	12	3	6.093	28	54	5.68	ft.
76. 5.12	3			5.923			4.43	v. ft.
77. 5. 7	3			6.030			5.13	Z.C. α 6^s.11
79. 5. 5	3			6.051			4.93	
85. 5. 7	5			6.344			3.61	
85. 5. 8	5			6.101			4.17	− 1°
85. 5.12	2			6.206			4.33	

6006 9^m.4 3^s.0633 −0^s.0118 −20″.052 +0″.015 — —

78. 5 10	2	12^h	3^m	16^s.893	24°	57′	47″.67	
92. 4.29	3			17.043			48.32	

6007 8.9 3.0607 −0.0148 −20.052 +0.015 29°2259

74 5. 1	3	12	3	29.510	29	37	27.52	
79. 4.28	3			29.424			26.70	
81. 5.12	3			29.421			27.08	ex. ft.

6008 9.4 3.0603 −0.0148 −20.052 +0.015 29°2260

73. 3.21	3	12	3	35.269	29	35	42.24	Z.C. δ 44″.1
74. 5. 1	1			35.390			43.68	
77. 5. 7	2			34.976			44.72	
78. 4.27	3			35.125			44.75	
79. 4.28	2			35.277			44.99	

6009 8.9 3.0610 −0.0134 −20.052 +0.015 27°2102

74. 4.21	3	12	3	40.122	27	44	33.50	Z.C. δ 33″.9
74. 4.30	3			40.184			34.68	
75. 4.20	3			40.215			33.28	
77. 5. 4	1			40.458			34.11	

6010 8.5 3.0621 −0.0117 −20.052 +0.015 25°2468

75. 4.26	3	12	3	44.710	24	57	21.60	
76. 5. 5	3			44.618			22.84	
76. 5. 6	3			44.688			23.54	
77 4.23	3			44.505			21.63	
78. 5. 4	3			44.643			22.10	
78. 5. 4	2			44.523			22.76	
78. 5.11	3			44.571			23.67	
79. 5.16	3			44.559			22.53	
92. 4.22	4			44.758			23.57	
92. 4.27	3			44.471			21.83	
92. 4.28	7			44.739			23.60	

6011 8.6 3.0611 −0.0127 −20.052 +0.016 26°2311

73. 5. 1	3	12	3	46.940	26	35	28.84	
74. 4.22	2			46.902			29.43	
75. 4. 5	3			46.861			26.74	
79. 5. 2	3			46.884			27.88	
79 5. 2	2			46.734			27.67	

6012 9.1 3.0610 −0.0122 −20.051 +0.016 26°2312

76. 4. 1	3	12	3	56.318	25	55	28.67	Z.C. δ 29″.2
76. 5. 8	3			56.166			29.52	
77. 5. 9	2			56.247			29.33	

6013 9.4 3.0610 −0.0122 −20.051 +0.016 25°2469

73. 4.18	3	12	3	59.840	25	46	29.18	
78. 4.30	3			59.913			30.70	
79. 5. 6	3			60.119			28.53	

6014 8.8 3.0608 −0.0123 −20.051 +0.016 26°2313

74. 4.28	2	12	4	2.986	26	1	40.45	
76. 5. 8	2			3.114			40.01	
78. 4.30	1			2.998			40.17	
79. 4.26	3			3.322			39.61	
86. 5. 4	5			3.268			39.15	

6015 7.2 3.0585 −0.0148 −20.051 +0.016 29°2263

74. 5. 2	3	12	4	6.946	29	45	50.14	
76. 5.11	3			7.094			50.21	
76. 5.12	3			7.174			49.47	
79. 5. 5	3			6.908			50.37	
86 5. 1	7			7.057			49.11	

6016 $5^m.9$ $3^s.0586$ $-0^s.0136$ $-20''.050$ $+0''.017$ 28°2084

73. 4.16	3	$12^h\ 4^m 24^s.995$	27° 58′ 40″.18	
74. 4.20	3	24.991	38.54	
76. 4.25	3	24.984	38.84	
76. 5. 9	3	24.925	38.08	
79. 4.21	3	25.037	37.61	
79. 4.21	2	25.017	37.75	
79. 5. 9	3	25.131	37.63	
81. 5.10	3	25.123	36.94	
81. 5.11	3	25.142	38.14	+ 1′
85. 4.27	7	25.056	38.56	
86. 4.30	7	24.844	37.53	

6017 8.5 3.0594 −0.0116 −20.050 +0.017 25°2470

75. 4.26	3	12 4 42.736	25 0 54.51	−1 int.
76. 5. 5	3	42.676	54.75	−5′
77. 4.23	3	42.776	54.46	Z.C. δ 54″.7
77. 4.24	3	42.784	55.93	†
81. 5.10	2	42.741	55.20	
81. 5.11	2	42.898	55.06	
85. 5. 7	6	42.776	53.75	
85. 5. 8	7	42.629	53.74	

6018 8.9 3.0583 −0.0127 −20.050 +0.018 26°2314

73. 5. 1	3	12 4 46.429	26 41 9.13	
75. 4. 5	3	46.347	8.13	
76. 4. 1	3	46.186	8.41	

6019 9.0 3.0559 −0.0148 −20.050 +0.018 29°2264

73. 3.21	3	12 4 53.115	29 48 15.10	
74. 5. 2	3	53.068	13.31	
77. 5. 7	3	53.087	15.61	

6020 7.6 3.0586 −0.0119 −20.050 +0.018 25°2471

73. 4.18	3	12 4 54.908	25 26 60.30	
73. 5.12	3	54.863	57.57	
76. 5. 4	2	54.805	59.24	
79. 5. 3	2	54.886	60.59	
79. 5. 3	2	54.716	61.58	
79. 5. 6	2	54.690	58.20	
79. 5.16	3	54.863	57.89	

6021 9.0 3.0577 −0.0119 −20.049 +0.018 25°2472

73. 4.18	2	12 5 14.605	25 28 57.57	Z.C. δ 57″.9
73. 5.12	3	14.719	58.16	
76. 5. 5	3	14.627	56.87	
76. 5. 6	3	14.606	57.95	
77. 4.23	3	14.640	56.62	
78. 5. 4	2	14.783	59.35	
78. 5.11	2	14.563	58.55	

6022 8.6 3.0570 −0.0125 −20.049 +0.019 26°2315

74. 4.22	3	12 5 15.156	26 25 51.42	
74. 4.28	2	15.110	51.12	
76. 5. 8	3	15.255	50.97	

6023 5.7 3.0562 −0.0126 −20.048 +0.019 26°2316

75. 4. 5	2	12 5 30.569	26 33 59.06	Z.C. δ 59″.3
77. 5. 9	3	30.737	59.36	
78. 4.30	2	30.615	58.81	
86. 5.18	5	30.526	60.10	

6024 $6^m.7$ $3^s.0538$ $-0^s.0143$ $-20''.048$ $+0''.019$ 29°2265

74. 5 1	3	$12^h\ 5^m 39^s.754$	29° 14′ 2″.95	
74. 5. 2	3	39.646	2.66	
76. 5.11	3	39.851	3.59	
76. 5.12	3	39.761	1.95	

6025 9.5 3.0539 −0.0136 −20.048 +0.020 28°2086

74. 4.20	3	12 5 49.914	28 18 51.50	
80. 5. 1	3	50.528	52.18	
86. 5. 3	7	50.453	52.64	

6026 9.2 3.0549 −0.0126 −20.048 +0.020 26°2317

73. 5. 1	3	12 5 55.277	26 43 23.92	
79. 4.26	2	55.160	23.21	v. ft.
79. 5. 2	3	54.981	22.77	
86. 5. 6	4	55.228	23.21	v. ft.

6027 9.0 3.0548 −0.0124 −20.047 +0.020 26°2318

73. 5. 1	1	12 6 4.404	26 16 11.93	Z.C. δ 10″.7
74. 4.28	2	4.409	11.16	
76. 4. 1	1	4.256	10.32	
81. 5. 7	2	4.380	9.51	

6028 7.8 3.0534 −0.0135 −20.047 +0.020 28°2087

73. 4.16	3	12 6 4.318	28 4 33.61	
76. 4.25	3	4.354	32.29	
76. 5. 9	3	4.514	33.46	
79. 5. 9	3	4.576	32.14	+ 1 int.
86. 5. 4	7	4.523	31.87	

6029 9.5 3.0522 −0.0141 −20.047 +0.020 29°2266

73. 3.21	3	12 6 11.854	29 4 40.32	
77. 5. 7	3	11.877	40.53	
79. 4.28	3	12.074	42.02	

6030 8.5 3.0518 −0.0135 −20.046 +0.021 28°2089

74. 4.20	3	12 6 32.021	28 15 19.86	Z.C. δ 19″.7
76. 5. 9	3	32.117	20.20	
77. 5. 3	3	32.216	19.08	

6031 7.9 3.0503 −0.0142 −20.046 +0.021 29°2267

74. 5. 1	3	12 6 42.943	29 19 48.88	
74. 5. 2	3	43.016	47.70	
76. 5.11	3	43.099	49.27	
76. 5.12	3	43.049	48.67	
81. 5.11	3	43.203	47.11	

6032 8.9 3.0487 −0.0147 −20.045 +0.022 30°2241

73. 3.21	3	12 6 60.098	29 57 6.40	Z.C. α 59ˢ.98
80 5. 1	3	59.960	7.49	Z.C. δ 7″.4
80. 5.14	3	59.951	6.52	
83. 5. 7	3	59.901	9.32	− 5′

6033 9.0 3.0502 −0.0131 −20.044 +0.022 27°2103

93. 4.19	7	12 7 11.060	27 44 18.75	
93. 4.21	7	10.979	18.12	

6034 8.5 3.0480 −0.0139 −20.043 +0.023 29°2268

76. 5.11	3	12 7 32.915	28 59 24.27	
77. 5. 7	3	33.040	23.24	
79. 4.28	3	33.008	24.02	
79. 5. 5	3	32.963	24.89	

6035 $7^m.3$ $3^s.0484$ $-0^s.0127$ $-20''.042$ $+0''.024$ 27°2105

73. 5. 6	3	$12^h\ 7^m58^s.134$	27° 12′ 3″.12	
74. 4.21	3	57.898	1.88	
74. 4 30	3	57.996	3.60	
75. 4.20	3	57.918	1.90	
77. 5. 4	3	58.052	1.87	
77. 5. 8	3	58.057	1.08	
77. 5. 8	3	57.987	1.81	
79. 5.19	3	57.923	2.53	
86. 4.30	7	57.987	0.77	
86. 5.18	5	57.954	2.35	

6036 9.4 3.0468 −0.0136 −20.042 +0.024 28°2090

74. 4.20	3	12 7 58.515	28 33 44.22	
77. 5. 3	2	58.697	43.95	
81. 5.11	3	59.003	44.74	

6037 9.3 3.0469 −0.0136 −20.042 +0.024 28°2091

76. 4.25	3	12 8 1.345	28 30 50.12	
76. 5. 9	3	1.132	50.87	
79. 5. 1	2	1.263	49.46	-9^s
79. 5. 5	3	1.334	51.04	
79. 5. 9	3	1.331	50.69	

6038 8.5 3.0443 −0.0141 −20.040 +0.025 29°2269

73. 3.21	3	12 8 32.542	29 19 31.23	+5′
74. 5. 1	3	32.601	32.33	
74. 5. 2	3	32.463	32.05	
76. 5.11	2	32.526	33.71	
76. 5.12	3	32.617	31.84	
77. 5. 7	3	32.475	32.19	

6039 9.5 3.0470 −0.0118 −20.039 +0.026 25°2477

78. 5. 4	3	12 8 53.408	25 53 42.34	
78. 5.11	3	53.255	44.12	
81. 4.26	2	53.239	42.70	

6040 9.1 3.0425 −0 0135 −20.038 +0.027 28°2094

74. 4.20	3	12 9 21.376	28 35 28.02	
76 4.25	3	21.315	29.63	
77. 5. 3	3	21 658	29.73	
79. 5. 9	3	21.492	30.20	

6041 8.7 3.0442 −0.0125 −20.037 +0.027 27°2108

73. 5. 6	3	12 9 26.771	26 59 28.95	Z.C. δ 27″.1
74. 4.21	3	26.614	26.70	
74. 4.30	3	26.781	28.14	
75. 4.20	3	26.582	26.71	
77. 5. 4	3	26.618	27.28	
77. 5. 8	3	26.642	27.50	
81. 5. 7	3	26.771	25.86	
81. 5.10	3	26.797	26.68	
81. 5.11	3	26.663	26.53	
89. 4.29	7	26.788	26.81	

6042 9.0 3.0409 −0.0141 −20.037 +0.027 29°2271

74. 5. 1	3	12 9 30.719	29 29 37 88	
74. 5. 2	3	30.871	36.28	
76. 5.12	3	31.042	37.60	
86. 5. 6	7	30.860	37.65	

6043 8.2 3.0411 −0.0135 −20.036 +0.027 28°2095

73. 4.16	3	12 9 43.650	28 44 38 20	
74. 4.20	3	43.760	37.27	
76. 5. 9	3	43.585	37.44	
79. 5. 9	3	43.773	37.35	

6044 $7^m.3$ $3^s.0438$ $-0^s.0121$ $-20''.036$ $+0''.028$ 26°2321

73. 5. 1	3	$12^h\ 9^m49^s.003$	26° 27′ 20″.08	
74. 4.22	3	48.969	20.01	
75. 4. 5	3	49.007	18.66	
76. 4. 1	3	49.104	19.68	
76. 5. 8	3	49.098	19.95	
77. 5. 9	3	49.070	19.54	
77. 5. 9	3	49.010	18.76	
79. 4.24	3	49.098	18.19	
79. 4.24	2	49.058	19.27	
79. 5. 2	3	48.969	18.20	
79. 5. 2	2	48.979	18.88	
86. 5.18	5	48.997	19.35	

6045 8.9 3.0394 −0.0141 −20.035 +0.028 29°2272

76. 5.11	3	12 9 56.623	29 31 59.93	
76. 5.12	2	56.673	60.10	
77. 5. 7	3	56.569	61.55	+15′
79. 4.28	3	56.620	60.16	
81. 5. 7	3	56.601	59.64	
81. 5.11	2	56.715	58.34	
			Z.C. δ 29° 32′ 0″.0	

6046 9.3 3.0440 −0.0114 −20.034 +0.028 25°2478

73. 4.18	3	12 10 14.365	25 18 17.76	
73. 5.12	3	14.460	15.44	ft.

6047 9.1 3.0399 −0.0133 −20.034 +0.029 28°2096

73. 4.16	3	12 10 16.813	28 20 54.69	Z.C. δ 53″.8
74 5. 6	2	16.825	53.88	+5′
76. 4.25	2	16.882	52.97	
76. 5. 9	3	16.865	54.23	
77. 5. 3	3	16.899	53.05	

6048 Not found on revision: not found on Oxford photograph 00.1.17. The catalogue place is 1 int. wrong: see appendix **6049**[a]

6049 9.5 3.0411 −0.0124 −20.033 +0.029 27°2111

73. 5. 6	3	12 10 28.471	26 57 16.67	†

6050 8.3 3.0387 −0.0133 −20.033 +0.029 28°2097

74. 4.20	2	12 10 37.751	28 26 3.68	
79. 5. 1	3	37.819	4.03	
86. 5.15	7	37.866	5.73	

6051 8.4 3.0422 −0.0113 −20.032 +0.030 25°2481

73. 4.18	3	12 10 51.560	25 19 16.05	
73. 5.12	3	51.602	15.03	
75. 4.26	3	51.729	16.71	
76. 5. 4	3	51.533	14.89	
77. 4.23	3	51.622	14.73	
78. 5. 4	3	51.626	14.53	
78. 5. 4	3	51.476	15.21	
78. 5.10	3	51.522	15.26	
78. 5.11	3	51.412	16.22	
79. 5.16	3	51.440	15.06	

6052 8.5 3.0361 −0.0139 −20.031 +0.030 29°2274

74. 5. 1	3	12 11 1.410	29 25 12.53	
74. 5. 2	3	1.402	12.39	
76. 5.12	2	1.365	13.10	
77. 5. 7	3	1.345	13.44	

6053	$5^{m}.9$	$3^{s}.0351$	$-0^{s}.0140$	$-20''.030$	$+0''.030$	29°2275
74.	5. 1	1	$12^{h}11^{m}12^{s}.514$	29° 37′ 51″.37		
74.	5. 2	1	12.805	48.95		
76.	5.11	3	12.642	50.07		
79.	5. 5	3	12.836	49.77		
79.	5. 5	3	12.626	50.91		
86.	5. 1	7	12.654	49.81		
6054	8.7	3.0399	−0.0116	−20.029	+0.031	25°2482
75.	4.26	2	12 11 28.907	25 44 57.17		thick haze
76.	5. 4	3	28.932	57.09		
76.	5. 5	3	28.945	57.59		
79.	5.16	3	28.950	57.53		
6055	8.1	3.0391	−0.0118	−20.029	+0.031	26°2323
73.	5. 1	3	12 11 32.239	26 15 58.14		
74.	4.22	3	32.053	59.68		
75.	4. 5	3	32.089	56.54		
76.	4. 1	3	32.174	58.23		
76.	5. 8	3	32.120	58.06		
77.	5. 9	3	32.175	58.02		
6056	7.5	3.0355	−0.0129	−20.027	+0.032	28°2100
73.	4.24	3	12 11 53.280	27 59 40.74		Z.C. δ 40″.1
75.	4.20	3	53.248	40.11		
76.	4.25	3	53.178	39.39		
76.	5. 9	3	53.290	41.32		
81.	5. 7	3	53.172	39.10		
81.	5.10	3	53.339	39.45		
81.	5.11	3	53.195	40.72		
86.	4.30	7	53.132	40.32		
6057	9.5	3.0348	−0.0130	−20.027	+0.032	28°2101
74.	4.20	3	12 11 56.749	28 12 46.59		Z.C. α $56^{s}.87$
74.	5. 6	3	56.905	45.94		
79.	4.28	3	56.957	48.76		
6058	7.5	3.0356	−0.0121	−20.025	+0.033	26°2324
73.	5. 1	3	12 12 22.879	26 52 58.23		
74.	4.22	3	22.853	59.29		
75.	4. 5	3	22.914	56.64		
76.	5. 8	3	22.800	57.26		+ 5′
77.	5. 9	3	22 968	58.19		
86.	5. 3	7	22.871	59.21		
6059	8.8	3.0382	−0.0109	−20.024	+0.033	25°2485
73.	4.18	3	12 12 31.233	24 59 10.50		
76.	5. 5	3	31.109	9.99		W. 4 + 1^{s}
78.	5.10	3	31.124	10.32		
78.	5.11	3	31.083	11.31		
6060	8.4	3.0368	−0.0112	−20.023	+0.033	25°2486
73.	5.12	3	12 12 43.001	25 32 26.71		Z.C. δ 26″.5
78.	4.30	3	42.926	27.24		
81.	5. 7	2	42.890	26.41		
81.	5.10	3	43.265	25.74		
81.	5.11	3	43.031	26.30		
6061	6.8	3.0349	−0.0120	−20.023	+0.033	26°2326
73.	5. 1	2	12 12 43.830	26 42 11.02		
74.	4.22	2	43.875	11.91		
75.	4. 5	1	43.838	8.40		
79.	4.26	3	43.736	10.39		
79.	4.26	3	43.926	10.48		
86.	5.18	5	43.656	10.93		
6062	$9^{m}.0$	$3^{s}.0315$	$-0^{s}.0132$	$-20''.023$	$+0''.033$	28°2103
74.	5. 6	2	$12^{h}12^{m}45^{s}.008$	28° 44′ 46″.75		
77.	5. 3	3	45.129	44.89		
79.	5. 5	3	44.679	47.13		
79.	5. 9	3	44.943	46.49		
6063	7.5	3.0358	−0.0114	−20.022	+0.034	25°2487
76.	5. 6	3	12 12 57.164	25 45 19.04		Z.C. δ 18″.1
77.	4.23	3	57.201	16.50		
78.	5. 4	2	57.192	19.02		
78.	5.10	3	57.278	17.53		
79.	5. 6	3	57.185	18.30		
79.	5. 6	3	57.205	18.27		§
6064	9.2	3.0307	−0.0132	−20.022	+0.034	28°2105
76.	4.25	2	12 13 3.444	28 37 9.79		
92.	4.28	7	3.463	10.97		
6065	8.9	3.0365	−0.0109	−20.021	+0.034	25°2488
73.	4.18	3	12 13 9.848	24 58 44.00		
73.	5.12	3	9.767	43.40		
76.	5. 4	3	9.920	42.87		
76.	5. 5	3	9.751	43.60		
78.	5.11	3	9.848	44.22		
79.	5.16	3	9.891	43.51		
6066	9.5	3.0325	−0.0124	−20.021	+0.034	— —
74	4.21	2	12 13 12.365	27 18 28.87		†
6067	6.5	3.0298	−0.0133	−20.021	+0.034	28°2106
73.	4.16	3	12 13 13.846	28 51 20.12		
73.	4.24	3	13.878	21.13		+ 50′
74.	4.20	3	13.856	18.55		
76.	5. 9	3	13.782	19.79		
86.	5.15	5	13.716	18.00		
6068	7.0	3.0281	−0.0134	−20.019	+0.034	29°2280
74.	5. 1	3	12 13 33.489	29 9 32.35		
74.	5. 2	3	33.181	31.06		
76.	5 10	3	33 302	31.22		
76.	5.11	3	33.318	33.04		
76.	5.12	3	33.177	32.50		
77.	5. 7	3	33.347	31.79		
77.	5. 7	3	33.427	32.60		
6069	9.3	3.0283	−0.0131	−20.018	+0.035	28°2107
77.	5. 3	1	12 13 48.676	28 36 6.36		Z.C. δ 6″.8
79.	5. 1	3	48.556	6.22		
79.	5. 9	3	48.616	8.18		
92.	4.22	7	48.342	7.57		
92.	4.27	7	48.519	5.42		
6070	6.6	3.0313	−0.0119	−20.017	+0.036	26°2329
73.	5. 1	3	12 14 1.207	26 41 43.19		
74.	4.22	3	0.958	42.66		
75.	4. 5	3	1.067	41.60		
76.	4. 1	3	1.124	43.19		
79.	5. 2	3	0.908	42.31		
79.	5. 2	2	1.058	42.73		
6071	5.1	3.0300	−0.0123	−20.017	+0.036	27°2114
73.	5. 6	3	12 14 2.538	27 19 3.44		Z.C. δ 1″.4
74.	4.21	3	2.360	2.00		
75.	4.20	3	2.640	1.83		
77.	5. 4	3	2.587	0.97		
77.	5. 8	3	2.521	0.49		
77.	5. 8	2	2.521	0.55		
86.	5. 1	5	2.464	0.50		

6072 $6^{m}.1$ $3^{s}.0281$ $-0^{s}.0125$ $-20''.015$ $+0''.036$ 27°2115 A

74.	4.30	3	$12^{h}14^{m}22^{s}.970$	27° 45′ 5″.57	
76.	4.28	3	23.237	4.30	d. s. p.
81.	5. 7	3	23.173	5.18	d. s. p.
81.	5.10	3	23.218	3.06	

6073 6.2 3.0281 −0.0125 −20.015 +0.036 27°2115 B

74.	4.30	2	12 14 23.860	27 45 9.85	Z.C. δ 8″.3
81.	5.10	2	23.898	6.86	
85.	4.27	7	23.844	8.25	c. d. n. f.

6074 8.9 3.0303 −0.0117 −20.014 +0.036 26°2330

76.	5. 8	3	12 14 27.864	26 27 35.81	
77.	5. 9	3	27.981	35.87	

6075 8.6 3.0331 −0.0108 −20.014 +0.036 25°2492

73.	4.18	3	12 14 29.177	24 54 40.53	
73.	5.12	3	29.154	39.75	
76.	5. 4	3	29.118	39.23	
76.	5. 5	3	28.889	38.82	
85.	5. 7	7	29.232	39.06	
85.	5. 8	7	29.171	38.60	
85.	5. 9	7	29.123	39.68	

6076 8.8 3.0332 −0.0107 −20.014 +0.037 24°2448

77.	4.23	3	12 14 31.843	24 47 48.94	
78.	4.30	3	31.545	51.60	
78.	5.11	3	31.635	52.07	
86.	5. 6	7	31.656	50.93	

6077 8.3 3.0296 −0.0118 −20 014 +0.037 26°2331

74.	4.28	3	12 14 35.525	26 37 14.23	Z.C. δ 13″.7
76.	4. 1	3	35.651	13.38	
81.	5.11	3	35.471	13.42	

6078 8.3 3.0295 −0.0117 −20.012 +0.037 26°2332

73.	5. 1	1	12 14 47.655	26 24 53.79	
74.	4.22	2	47.320	54 60	
74.	4.28	3	47.579	51.60	
76.	5. 8	3	47.246	53.12	
77.	5. 9	3	47.333	52.49	

6079 7.3 3.0307 −0.0112 −20.012 +0.037 25°2493

78.	5. 4	3	12 14 47.572	25 43 15.36	
78.	5.10	3	47.578	13.64	
79.	5. 6	3	47.510	15.58	
79.	5.16	3	47.617	14.08	− 1 int.
86.	5.18	7	47.335	16.08	

6080 9.5 3.0297 −0.0113 −20.011 +0.037 25°2494

78.	5.11	1	12 15 5.018	25 47 52.98	Z.C. δ 53″.6
81.	4.26	2	5.319	54.27	

6081 7.5 3.0298 −0.0112 −20.010 +0.037 25°2495

76.	5. 5	2	12 15 9.036	25 41 26.84	
78.	4.30	3	9.029	27.57	
78.	5. 4	3	9.115	29.31	

6082 8.6 3.0304 −0.0109 −20.010 +0.037 25°2496

76.	5. 4	2	12 15 14.844	25 12 19.69	
78.	5.10	2	15.067	20.27	
79.	5. 6	3	14.888	20.39	
86.	5. 3	7	14.994	19.91	
86.	5.15	5	14.995	19.86	

6083 $8^{m}.1$ $3^{s}.0257$ $-0^{s}.0121$ $-20''.009$ $+0''.038$ 27°2116

73.	5. 6	3	$12^{h}15^{m}27^{s}.313$	27° 18′ 8″.03	Z.C. δ 6″.5
74.	4.21	3	27.162	6.35	
75.	4.20	3	27.179	5.80	
77.	5. 8	2	27.124	5.85	

6084 8.9 3.0257 −0.0121 −20.008 +0.038 27°2117

73	5. 6	1	12 15 32.184	27 14 36.11	
74.	4.21	2	31.943	33.96	
74.	4.30	2	32.086	35.53	
75.	4.20	2	32.058	33.03	
76.	4.28	3	31.864	33.68	
77.	5. 4	3	32.112	34.67	
79.	5. 9	3	32.091	34.59	

6085 8.5 3.0238 −0.0125 −20.007 +0.038 28°2109

73.	4.16	3	12 15 39.434	28 0 12.67	Z.C. δ 12″.0
73.	4.24	3	39.493	12.33	
74.	4.20	3	39.303	10.63	
74.	5. 6	3	39.344	11.61	
76.	4.25	2	39.389	12.81	+ 1 int.
76.	5. 9	3	39.276	12.60	
79.	5. 1	3	39.445	11.36	
79.	5. 9	2	39.338	12.34	
81.	5. 7	2	39.372	11.83	D − 10″
81.	5.10	2	39.576	11.68	
85.	5.11	7	39.318	11.68	

6086 9.0 3.0269 −0.0116 −20.007 +0.038 26°2336

74.	4.28	2	12 15 40.533	26 22 46.72	
76.	5.15	1	40.290	46.78	
77.	5. 9	2	40.324	45.95	
92	4.28	7	40.438	46.36	p. of 2

6087 9.4 3.0278 −0.0112 −20.007 +0.039 25°2497

77.	4 23	3	12 15 47.729	25 47 59.46	Z.C. δ 59″.0
81.	4.26	3	48.040	57.57	
81.	5.11	3	47.659	58.81	
83.	5. 7	3	47.753	60.13	

6088 6.8 3.0281 −0.0110 −20.006 +0.039 25°2498

73	4.18	3	12 15 53.695	25 28 4.23	
73.	5 12	3	53.680	1.24	
76.	5. 6	3	53.768	5.19	

6089 5.0 3.0251 −0.0116 −20.004 +0.039 26°2337

74.	4.22	2	12 16 13.319	26 32 22.93	
79.	4.24	2	13.108	22.17	
86.	5. 1	5	13.234	23.01	

6090 8.7 3.0251 −0.0116 −20.004 +0.039 26°2338

73.	5 1	2	12 16 14.530	26 31 22.03	
79.	4.24	2	14.247	18.94	
79.	5. 2	3	14.319	20.55	

6091 7.8 3.0231 −0.0121 −20.004 +0.040 27°2118

77.	5. 4	3	12 16 17.846	27 18 56.28	
79.	5.19	3	17.870	56.93	

6092 8.1 3.0218 −0.0123 −20.003 +0.040 27°2119

76.	4.28	1	12 16 22.705	27 49 36.37	Z.C. δ 36″.4
77.	5. 8	1	22.678	35.38	
85.	4.27	6	22.659	37.54	

6093	$9^{\mathrm{m}}.0$	$3^{\mathrm{s}}.0249$	$-0^{\mathrm{s}}.0115$	$-20''.003$	$+0''.040$	— —
76.	5. 8	3	$12^{\mathrm{h}}\,16^{\mathrm{m}}\,23^{\mathrm{s}}.876$	$26^{\circ}\,21'\,52''.14$	Z.C. $\alpha\,23^{\mathrm{s}}.93$	
92.	4.22	2	23.979	52.91		
6094	9.1	3.0246	−0.0116	−20.003	+0.040	26°2339
79.	5. 2	3	12 16 24.509	26 30 0.98		
92.	4.30	5	25.135	2.18	v. ft.	
6095	8.6	3.0232	−0.0115	−20.000	+0.041	26°2340
76.	5.15	2	12 16 51.596	26 32 41.83	Z.C. $\delta\,42''.2$	
78.	4.30	3	51.708	41.73		
81.	5.11	3	51.552	42.93		
6096	7.1	3.0248	−0.0108	−19.998	+0.041	25°2501
73.	4.18	3	12 17 12.528	25 17 13.75		
73.	5.12	3	12.550	12.95		
76.	5. 4	3	12.431	13.05		
76.	5. 5	3	12.482	13.08		
77.	4.23	3	12.652	13.56		
78.	5.10	2	12.707	11.71		
79.	5.16	3	12.409	11.87		
79.	5.16	2	12.419	12.17		
86.	5. 4	7	12.633	13.26		
6097	8.8	3.0206	−0.0119	−19.998	+0.041	27°2120
73.	5. 6	3	12 17 13.356	27 15 32.25		
74.	4.21	2	13.243	30.50		
75.	4.20	3	13.105	30.18		
79.	5. 9	2	13.488	31.16		
92.	5. 6	5	13.302	31.97		
6098	8.6	3.0191	−0.0122	−19.996	+0.042	27°2122
74.	4.30	3	12 17 24.892	27 40 25.55	Z.C. $\delta\,24''.2$	
77.	5. 4	3	24.979	22.96		
86.	5.15	5	24.874	24.17		
6099	9.0	3.0199	−0.0119	−19.996	+0.042	27°2121
79.	5. 1	3	12 17 25.596	27 17 40.64		
92.	5. 7	7	25.635	40.75		
6100	7.1	3.0204	−0.0114	−19.994	+0.043	26°2343
74.	4.22	3	12 17 47.041	26 32 40.86		
74.	4.28	3	46.977	40.79		
78.	4.30	3	46.934	39.98		
86.	5.18	7	46.916	40.60		
6101	9.1	3.0140	−0.0130	−19.993	+0.043	29°2284
74.	5. 1	3	12 17 56.920	29 5 59 57		
74.	5. 2	3	57.081	58.73		
76.	5.11	3	56.898	59.59		
76.	5.12	3	56.957	59.28		
77.	5. 7	3	57.024	59.69		
6102	5.3	3.0192	−0.0116	−19.992	+0.043	26°2344
74.	4.28	2	12 18 2.088	26 47 30.75		
76.	5. 8	3	2.207	30.55		
77.	5. 9	3	2.196	29.42		
86.	5. 1	5	2.147	30.43		
6103	9.1	3.0156	−0.0124	−19.991	+0.043	28°2111
73.	4.24	3	12 18 9.736	28 10 2.65	Z.C. $\delta\,2''.0$	
74.	4.20	3	9.474	1.34		
74.	5. 6	3	9 563	1.74		
76.	4.25	2	9.697	1.87		
76.	5. 9	3	9.584	2.62		
77.	5. 3	3	9.599	1.86		
6104	$6^{\mathrm{m}}.3$	$3^{\mathrm{s}}.0199$	$-0^{\mathrm{s}}.0113$	$-19''.991$	$+0''.043$	26°2345
76.	5. 8	2	$12^{\mathrm{h}}\,18^{\mathrm{m}}\,10^{\mathrm{s}}.276$	$26^{\circ}\,16'\,32''.52$		
76.	5.15	3	10.211	34.02		
6105	8.3	3.0184	−0.0112	−19.987	+0.045	26°2347
73.	5. 1	3	12 18 46.119	26 15 13.58		
74.	4.22	1	46.161	13.42		
75.	4. 5	3	46.054	11.96		
79.	5. 2	3	46.024	13.67		
79.	5. 6	3	45.943	13.45		
86.	5. 6	7	46.047	12.78		
6106	9.1	3.0130	−0.0121	−19.983	+0.046	27°2127
73.	5. 6	2	12 19 16.492	27 49 12.81		
75.	4.20	2	16.696	10.10		
76.	4.28	3	16.476	10.32		
77.	5. 4	3	16.625	10.26		
79.	5. 9	3	16.712	11.39		
81.	5 11	3	16.467	11.03		
6107	9 4	3.0130	−0.0121	−19.983	+0.046	27°2128
74.	4.21	3	12 19 17.617	27 47 1.91	Z.C. $\alpha\,17^{\mathrm{s}}.80$	
75.	4.20	3	17.707	1.19	$+5'$	
77.	5. 8	3	17.949	1.82	w. $5+1^{\mathrm{s}}$	
81.	5.11	2	17.917	1.95	Z.C. $\delta\,1''.7$	
6108	9.3	3.0149	−0.0113	−19.981	+0.046	26°2349
75.	4. 5	2	12 19 36.023	26 39 1.43		
76.	5. 3	1	36.063	2.14	ft.	
6109	8.7	3.0129	−0.0118	−19.981	+0.046	27°2129
74.	4.30	3	12 19 36.463	27 28 11.08	Z.C. $\alpha\,36^{\mathrm{s}}.43$	
76.	4.28	3	36.371	9.09	$-15'$	
79.	5. 1	3	36.457	8.53		
6110	8.5	3.0152	−0.0112	−19.980	+0.046	26°2350
76.	5. 8	3	12 19 43.972	26 22 28.55	Z.C. $\delta\,28''.2$	
77.	5. 9	3	43.805	28.72		
79.	4.26	3	43.947	28.01		
79.	4.26	2	43.837	27.57		
6111	9.2	3.0122	−0.0118	−19.979	+0.047	27°2130
85.	5. 9	7	12 19 50.074	27 26 12.89		
85.	5.11	5	50.223	11.64		
86.	5. 3	7	50.115	12.92		
6112	8.9	3.0057	−0.0133	−19.979	+0.047	30°2269
93.	4.19	5	12 19 50.767	29 55 7.31		
93.	4.21	6	50.705	4.36		
6113	9.3	3.0182	−0.0103	−19.978	+0.047	24°2459
85.	5. 8	5	12 19 59.401	24 52 11.91		
92.	4.28	5	59 628	12.82		
6114	9.3	3.0099	−0.0121	−19.977	+0.047	28°2114
73.	4.24	3	12 20 4.760	28 4 50.79		
74.	4.20	3	4.415	48.74		
77.	5. 3	3	4.658	50.04		
6115	5.1	3.0100	−0.0121	−19.977	+0.047	28°2115
73.	4.16	3	12 20 8.905	27 57 39.93		
74.	4.20	2	9.048	39.00		
76.	5. 9	3	8.837	39.25		
85.	4.27	7	8.962	38.04		
85.	5.12	7	8.959	38.80		
88.	5.12	6	8.904	39.69		

6116 $8^{m}.9$ $3^{s}.0118$ $-0^{s}.0113$ $-19''.974$ $+0''.048$ $26^{\circ}2351$

74.	4.22	1	$12^{h}20^{m}31^{s}.317$	$26^{\circ}\ 50'\ 36''.07$	
79.	5. 2	3	31.377	34.90	
79.	5 6	2	31.346	34.76	

6117 8.7 3.0099 −0.0117 −19.974 +0.048 $27^{\circ}2133$

77.	5. 4	3	12 20 32.592	27 31 4.06	Z.C. δ 4″9
92.	5. 6	7	32.744	5.67	

6118 4.8 3.0055 −0.0127 −19.972 +0.048 $29^{\circ}2288$

74.	5. 1	3	12 20 42.405	28 57 50.23	
74.	5. 2	3	42.357	47.42	
76.	5.10	3	42.363	48.41	
76.	5.12	3	42.347	48.21	

6119 5.1 3.0094 −0.0117 −19.972 +0.049 $27^{\circ}2134$

74.	4.21	3	12 20 44.166	27 31 5.34	
74.	4.30	3	44.105	5.96	
77.	5. 4	3	44.343	4.74	
79.	5. 9	3	44.318	6.01	
80.	5.14	3	44.268	4.48	
81.	4 26	3	44.213	4.93	
86.	5. 1	7	44.206	5.50	

$\left.\begin{matrix}6120\\6121\end{matrix}\right\}$ 8.2 3.0081 −0.0118 −19.970 +0.049 $27^{\circ}2135$

73.	5. 6	3	12 20 57.856	27 43 32.91	
85.	5.13	6	58.146	27.65	
85.	5.15	6	57.963	29.53	
90.	5.17	7	58.043	29.18	
92.	4 29	7	58.270	27.97	

Σ 1643: there are no notes; probably the middle was taken in each case.

6122 9.0 3.0137 −0.0106 −19.970 +0.049 $25^{\circ}2506$

73.	4.18	3	12 20 59.350	25 34 39.63	Z.C. α $59^{s}.47$
76.	5. 5	2	59.365	38.79	v. ft. − 1 int.
76.	5. 6	2	59.603	42.03	− 5′
77.	4.23	3	59.562	38.10	Z.C. δ 39″6

6123 9.3 3.0073 −0.0119 −19.969 +0.049 $27^{\circ}2136$

76.	4.28	2	12 21 6 077	27 51 39.42	+ 5′
79.	5. 9	1	6.302	39.40	Z.C. α $6^{s}.14$
80.	5. 1	3	6.054	39.81	

6124 8.0 3.0137 −0.0104 −19.968 +0.049 $25^{\circ}2507$

91.	5. 5	7	12 21 11 908	25 20 57.63	
91.	5.12	7	11.741	56.75	
91.	5.13	7	11.794	57.13	

6125 7.8 3.0040 −0.0125 −19.968 +0.049 $28^{\circ}2116$

74.	5. 6	2	12 21 18.395	28 48 6.70	Z.C. δ 6″3
77.	5. 3	3	18.657	5.44	− 1 int.
79.	5. 5	3	18.198	6.69	

6126 8.6 3.0146 −0.0102 −19.968 +0.050 $25^{\circ}2508$

85.	5.11	5	12 21 18.950	24 55 10.12	
92.	4.30	7	19.215	11.46	

6127 6.5 3.0099 −0.0111 −19.967 +0.050 $26^{\circ}2352$

76.	5 8	3	12 21 23.079	26 36 15.45	
79.	5. 6	2	23.264	15.23	

6128 $8^{m}.2$ $3^{s}.0053$ $-0^{s}.0120$ $-19''.966$ $+0''.050$ $28^{\circ}2118$

93.	4.19	7	$12^{h}21^{m}31^{s}.966$	$28^{\circ}\ 6'\ 56''.04$	
93.	4 21	6	31.897	53.83	

6129 9.1 3.0029 −0.0126 −19.965 +0.050 $29^{\circ}2290$

76.	5.11	3	12 21 34.069	28 53 12.92	
79.	5. 5	3	34.081	12.15	

6130 8.3 3.0105 −0.0106 −19.962 +0.051 $25^{\circ}2510$

79.	5. 6	2	12 21 58.543	25 43 36.15	
83.	5. 7	3	58.384	36.41	
84.	5. 5	4	58.645	34.17	

6131 6.5 3.0060 −0.0112 −19.959 +0.051 $27^{\circ}2138$

77.	5. 4	3	12 22 23.608	26 55 8.39	
86.	5. 4	7	23.571	7.88	
86.	5. 6	5	23.429	9.22	

6132 7.2 3.0067 −0.0110 −19.958 +0.051 $26^{\circ}2353$

83.	5. 7	2	12 22 29.616	26 35 30.51	
84.	4.22	3	29.840	29.74	
84.	4.24	4	29.836	30.51	
84.	4.29	3	29.879	29.80	

6133 6.3 3.0062 −0.0110 −19.956 +0.052 $26^{\circ}2354$

83.	5. 7	1	12′22 39.759	26 36 20.66	
84.	4.22	3	40.134	18.97	
84.	4.29	2	40.094	18.21	
85.	5.11	3	39.911	17.74	
88.	5.11	7	39.988	16.84	

6134 8.4 2.9973 −0.0129 −19.956 +0.051 $29^{\circ}2292$

76.	5.11	3	12 22 43.046	29 34 40.78	
84.	5. 6	4	43.322	39.33	
84.	5. 9	5	43.106	39.94	
84.	5.10	4	42.997	39.75	

6135 9.0 2.9983 −0.0125 −19.954 +0.052 $29^{\circ}2293$

76.	5.11	3	12 22 55.168	28 59 10.64	
79.	5. 5	3	55.115	9.37	

6136 5.7 3.0099 −0.0100 −19.952 +0.053 $24^{\circ}2464$

84.	4.24	4	12 23 11.814	24 48 2.04	
84.	4.30	3	11.920	2.65	
84.	5.10	2	11.688	0.27	

6137 9.0 3.0081 −0.0102 −19.949 +0.053 $25^{\circ}2511$

93.	4.19	6	12 23 25.948	25 12 44.92	
93.	4.21	6	25.937	45.00	

6138 9.3 3.0068 −0.0104 −19.949 +0.053 $25^{\circ}2512$

80.	5. 1	3	12 23 26.087	25 37 54.42	
92.	4.29	7	26.283	55.34	

6139 7.7 3.0078 −0.0100 −19.947 +0.054 $25^{\circ}2513$

79.	5. 6	3	12 23 40.828	25 1 51.01	
84.	4.30	3	40.896	51.76	w. 5.6 − 10^{s}
84.	5.13	7	40.860	50.81	

6140 8.3 3.0025 −0.0110 −19.947 +0.053 $26^{\circ}2356$

79.	4.26	3	12 23 43.475	26 48 43.27	
79.	4.26	2	43.435	43.65	
84.	5. 6	4	43.553	43.72	

6141	$8^{\mathrm{m}}.3$	$3^{\mathrm{s}}.0071$	$-0^{\mathrm{s}}.0101$	−19″.947	+0″.054	25°2514
84.	5. 5	4	$12^{\mathrm{h}}23^{\mathrm{m}}45^{\mathrm{s}}.005$	25° 14′ 21″.51		
91.	5.12	6	44.948	23.10		
91.	5.13	7	44.870	22.98		
6142	9.0	2.9946	−0.0125	−19.945	+0.054	29°2294
86.	5. 6	7	12 23 57.941	29 5 54.55		
88.	5.12	7	57.861	54.17		
6143	8.9	2.9971	−0.0119	−19.944	+0.054	28°2123
77.	5. 3	3	12 24 1.139	28 15 0.29		Z.C. δ 1″.9
79.	5. 5	3	1.127	3.49		-1^{m}
6144	9.1	2.9976	−0.0115	−19.941	+0.055	27°2140
77.	5. 4	3	12 24 24.492	27 44 42.77		Z.C. δ 42″.8
79.	5. 9	3	24.462	42.89		
6145	5.3	3.0042	−0.0101	−19.937	+0.056	25°2517
79.	5. 6	3	12 24 45.927	25 15 30.62		
83.	5 7	3	45.837	33.22		
84.	4.22	2	45.891	29.89		−5′
84.	5.10	2	46.128	30.15		
6146	8.4	2.9940	−0.0119	−19.937	+0.056	28°2125
74.	4.20	3	12 24 49.869	28 25 15.37		
76.	5. 9	2	49.876	16.51		
77.	5 3	3	50.058	15.50		
6147	8·9	2.9972	−0.0111	−19.933	+0.056	27°2142
74.	4.30	3	12 25 12.456	27 6 21.39		
77.	5. 4	3	12.685	19.46		
85.	5.11	7	12.535	20.32		
6148	8.9	3.0026	−0.0101	−19.932	+0.057	25°2518
73.	4.18	3	12 25 18.461	25 18 43.45		n. of 2
76.	5. 4	1	18.707	42.04		
76.	5. 6	3	18.626	43.83		
6149	8.4	2.9946	−0.0115	−19.932	+0.057	27°2143
74.	4.21	2	12 25 19.894	27 45 24.42		
79.	5. 9	3	20.139	23.80		
84.	4.24	4	19.914	25.08		
84.	4.29	5	19.977	24.98		
84.	5. 9	2	20.094	22.23		
84.	5.13	3	19.955	23.35		-1^{m}
6150	8.1	2.9986	−0.0108	−19.932	+0.057	26°2359
74.	4.22	3	12 25 19.988	26 33 41.51		
75.	4. 5	3	20.262	39.44		
76.	5. 8	3	20.067	39.64		
76.	5.15	3	20.158	41.93		
6151	9.0	2.9898	−0.0123	−19.931	+0.057	29°2296
76.	5.12	3	12 25 24 184	29 7 54.97		
84.	5. 6	5	24.379	52.77		
6152	9.5	2.9889	−0.0125	−19.931	+0.057	29°2295
77.	5 7	1	12 25 24.424	29 24 24 35		Z.C. δ 23″.6
93.	4.21	6	24.358	22.81		
6153	8.8	2.9943	−0.0114	−19.930	+0.057	27°2144
79.	5. 9	1	12 25 30.602	27 42 27.54		
84.	4.30	2	30.465	28.89		
85.	5.13	7	30.490	27.10		
6154	$9^{\mathrm{m}}.2$	$2^{\mathrm{s}}.9907$	$-0^{\mathrm{s}}.0121$	−19″.929	+0″.057	28°2126
79.	5. 5	3	$12^{\mathrm{h}}25^{\mathrm{m}}37^{\mathrm{s}}.093$	28° 40′ 10″.11		
85.	5. 8	5	37.052	8.71		
6155	7.3	2.9861	−0.0128	−19.929	+0.057	30°2287
76.	5.11	3	12 25 38.457	30 0 18.35		
83.	5.24	3	38.608	17.29		
84.	5. 5	5	38.361	17.16		
6156	9.0	2.9959	−0.0108	−19.925	+0.058	26°2360
73.	5. 1	3	12 26 1.841	26 39 43.75		
74.	4.22	2	1.910	43.21		
75.	4. 5	1	1.838	40.71		
6157	8.6	2.9932	−0.0112	−19.924	+0.058	27°2145
73.	5. 6	3	12 26 7.780	27 28 24.53		
74.	4.30	2	7.780	22.15		
75.	4.20	3	7.629	21.68		$+1^{\mathrm{s}}$
6158	8.8	2.9883	−0.0121	−19.923	+0.059	28°2128
73.	4.16	3	12 26 15.680	28 46 44.73		
73.	4.24	3	15.843	45.50		
74.	4.20	3	15.752	43.18		
76.	5. 9	3	15.551	44.39		
6159	8.5	2.9889	−0 0117	−19.919	+0.059	28°2129
77.	5 3	3	12 26 39.407	28 14 33.70		Z.C. δ 35″.8
79.	5. 5	3	39.325	36.07		
81.	4.26	3	39.532	36.71		
81.	5. 7	3	39.360	36.68		
6160	8.8	2.9939	−0.0107	−19.917	+0.060	26°2361
73.	5. 1	3	12 26 48.143	26 39 24.48		
74.	4.22	2	48.106	24.42		
76.	5. 3	3	48.233	23.69		
76.	5. 8	2	47.974	23.80		
6161	9.4	2.9821	−0.0126	−19.915	+0.060	29°2297
77.	5. 7	2	12 27 2.937	29 47 14.50		Z.C. δ 14″.2
80.	5. 1	3	2.981	13.95		
6162	9.5	2.9876	−0.0115	−19.913	+0.061	28°2132
73.	4.16	3	12 27 15.161	28 4 55.36		† ft. bad
6163	7.5	2.9977	−0.0097	−19.912	+0.061	25°2522
73.	4.18	3	12 27 18.390	25 8 19.38		
73.	5.12	3	18.472	19.59		
79.	5. 6	3	18.368	19.57		
6164	6.3	2.9981	−0.0097	−19.912	+0.061	25°2523
76.	5. 6	3	12 27 20.282	24 58 23.18		
85.	5. 7	7	20.316	22.93		
85.	5. 8	5	20.355	22.49		
6165	8.4	2.9847	−0.0119	−19.911	+0.061	28°2133
73.	4.24	3	12 27 25.263	28 46 15.55		
74.	4.20	3	24.946	14.64		
76.	5. 9	3	24.877	16.34		
6166	9.0	2.9882	−0.0111	−19.908	+0.061	27°2147
73.	5. 6	3	12 27 39.672	27 33 3.02		Z.C. δ 2″.1
74.	4.21	3	39.696	2.82		
75.	4.20	2	39.823	0.45		
76.	4.28	3	39.723	2.00		
77.	5. 4	3	39.856	2.37		

6167	$9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.9879$	$-0^{\mathrm{s}}.0111$	$-19''.907$	$+0''.062$	27°2149
73. 5. 6	3	$12^{\mathrm{h}}27^{\mathrm{m}}46^{\mathrm{s}}.522$	27° 31′ 47″.62			
74. 4.21	2	46.657	47.37			
75. 4.20	2	46.664	45.57			
76. 4.28	2	46.644	45.27			
6168	8.5	2.9889	−0.0108	−19.903	+0.062	27°2150
74. 4.30	2	12 28 8.040	26 58 50.95			Z.C. δ 50″.9
79. 5. 9	3	8.278	49.83			
83. 5. 7	3	8.017	52.06			
6169	9.0	2.9813	−0.0120	−19.903	+0.062	29°2300
76. 5.11	3	12 28 10.597	29 0 49.66			Z.C. δ 49″.6
77. 5. 7	2	10.622	50.36			
85. 5.11	7	10.582	48.88			−1′
6170	7.7	2.9951	−0.0096	−19.899	+0.063	25°2526
73. 4.18	3	12 28 32.266	24 54 49.96			
76. 5. 6	2	32.379	49.26			
79. 5. 6	3	32.438	49.39			
6171	9.2	2.9855	−0.0110	−19.898	+0.063	27°2151
73. 5. 6	1	12 28 35.523	27 31 6.51			
74. 4 30	2	35.444	5.95			
84. 4.29	4	35.619	7.53			$+1^{\mathrm{m}}$
6172	7.7	2.9770	−0.0124	−19.898	+0.063	29°2301
76. 5.11	3	12 28 36.890	29 46 35.96			
85. 5. 9	7	37.130	36.67			
85. 5.12	7	37.015	36.36			
6173	7.8	2.9938	−0.0097	−19.898	+0.063	25°2528
73. 4.18	2	12 28 39.998	25 12 16.26			Z.C. δ 15″.7
76. 5. 5	2	40.017	15.95			
79. 5. 6	3	40.050	14.81			
6174	8.5	2.9829	−0.0114	−19.897	+0.063	28°2134
74. 4.20	3	12 28 42.445	28 8 41.77			Z.C. δ 42″.3
76. 5. 9	3	42.489	42.68			
77. 5. 3	3	42.565	42.39			
6175	7.6	2.9758	−0.0122	−19.891	+0.063	29°2303
76. 5.11	2	12 29 16.537	29 31 43.89			Z.C. δ 44″.2
77. 5. 7	2	16.538	43.94			
83. 5. 7	3	16.508	44.66			
6176	8.8	2.9748	−0.0121	−19.886	+0.064	29°2305
79. 5. 5	3	12 29 44.286	29 22 60.70			
84. 4.22	3	44.306	59.75			
84. 4.24	4	44.368	60.69			
85. 5.15	7	44.400	59.99			
6177	7.8	2.9872	−0.0100	−19.885	+0.065	26°2369
73. 5. 1	3	12 29 49.170	26 6 49.93			
76. 5. 3	3	49.233	51.18			
84. 4.22	2	49.397	49.62			
85. 5. 7	7	49.249	48.10			§
85. 5. 8	7	49.166	48.34			
6178	9.1	2.9867	−0.0101	−19.884	+0.065	26°2370
75. 4 5	2	12 29 53.718	26 11 50.89			
84. 4.29	3	54.027	52.84			
84. 4.30	3	53.753	53.36			
84. 5. 5	4	53.978	53.19			v. ft. w. $6-1^{\mathrm{s}}$
86. 5. 6	7	53.706	53.40			ft.

6179	$8^{\mathrm{m}}.7$	$2^{\mathrm{s}}.9840$	$-0^{\mathrm{s}}.0103$	$-19''.877$	$+0''.066$	26°2372
73. 5. 1	3	$12^{\mathrm{h}}30^{\mathrm{m}}27^{\mathrm{s}}.574$	26° 28′ 59″.03			
74. 4.22	3	27.441	59.41			
76 5. 3	3	27.595	57.72			
76. 5. 8	2	27.395	58.57			
76. 5.15	2	27.543	58.36			
6180	9.5	2.9847	−0.0098	−19.869	+0.067	25°2534
73. 4 18	3	12 31 11.354	25 45 20.55			†
6181	9.1	2.9716	−0.0116	−19.867	+0.068	29°2306
74. 5. 1	3	12 31 20.325	28 54 49.87			
76. 5.11	3	20.428	49.36			
76. 5.12	3	20.256	49.26			
6182	8.1	2.9695	−0.0118	−19.865	+0.068	29°2307
76. 5.11	2	12 31 28.119	29 19 4.48			
77. 5. 7	3	28.128	6.01			
80. 5.14	3	28.297	4.98			
83. 5. 7	3	28.090	7.95			
6183	9.0	2.9803	−0.0101	−19.863	+0.068	26°2373
73. 5.13	3	12 31 41.813	26 29 39.53			
92. 4.28	7	41.745	38.26			
6184	9.2	2.9775	−0.0105	−19.862	+0.069	27°2153
77. 5. 8	1	12 31 46.795	27 8 47.99			Z.C. δ 48″.4
92. 4.29	7	46.996	48.84			
6185	9.1	2.9770	−0.0104	−19.858	+0.069	27°2154
73. 5. 6	3	12 32 3.842	27 2 44.70			
74. 4.21	3	3.666	44.33			
76. 4.28	3	3.747	43.01			
6186	9.0	2.9767	−0.0104	−19.857	+0.069	27°2155
73. 5. 6	3	12 32 11.551	27 1 8.73			
74. 4.21	2	11.486	7.76			
76. 4.28	2	11.477	7.73			
6187	8.5	2.9668	−0.0117	−19.855	+0.070	29°2308
74. 5. 1	3	12 32 21.389	29 15 37.82			
76. 5.11	2	21.493	38.28			
77. 5. 7	3	21.592	39.27			bad reading
80. 5.14	3	21.529	37.18			[of B micros.
84. 4.29	3	21 496	38.13			
84. 4.30	5	21.541	37.36			
6188	9.4	2.9812	−0.0097	−19.854	+0.070	25°2536
73. 4.18	2	12 32 26.474	25 46 16.34			Z.C. δ 15″.5
77. 4.23	3	26.512	14.60			
78. 4.30	3	26.484	15.67			
6189	9.3	2.9632	−0 0122	−19.853	+0.070	30°2309
93. 4.19	7	12 32 28.342	30 0 38 61			
93. 4.21	6	28.120	38.14			
6190	9.1	2.9648	−0.0119	−19.853	+0.070	29°2309
79. 4.28	3	12 32 30.136	29 37 35.74			Z.C. δ 35″.0
81. 4.26	3	30.246	34.89			
81. 5. 7	3	30.168	35.29			
81. 5.10	3	30.601	34.03			

6191 9^{m}0 2^{s}9739 −0^{s}0106 −19$''$852 +0$''$070 27°2156

74.	4.30	3	12^{h}32^{m}36^{s}271	27° 26′ 23$''$85	Z.C. δ 23$''$6
75	4.20	3	36.427	23.06	
77.	5. 4	3	36.345	23.60	
86.	5.18	7	36.305	23.93	

6192 8.5 2.9834 −0.0093 −19.851 +0.070 25°2538

73.	5.12	3	12 32 40.740	25 5 16.49	
74.	5 15	3	40.859	18.16	
76.	5. 6	3	40.706	17.76	+ 5′
78.	5. 4	3	40.720	15.13	
78.	5.10	3	40.778	16.19	
78.	5.10	2	40.888	16.68	
78.	5.11	3	40.706	16.27	
79.	5.16	3	40.677	15.44	

6193 9.5 2.9827 −0.0092 −19.848 +0.071 25°2539

73.	5.12		12 32 55.598	25 3 50.77	†

6193^a 9.3 2.9662 −0.0115 −19.847 +0.071 29°2312

97.	3. 3	7	12 32 59.446	28 55 24.18	
97.	3. 8	7	59.175	23.32	
97.	3.10	3	59.388	20.41	§

B.D. gives R.A. 1^m too great: see Z.C. page (7)

6194 8.7 2.9616 −0.0121 −19.846 +0.071 30°2310

74.	5. 1	1	12 33 4.128	29 55 49.62	
76.	5.12	3	4.058	47.56	
79.	4.28	3	4.062	49.76	

6195 9.0 2.9716 −0.0104 −19.838 +0.072 27°2157

74.	4.21	3	12 33 42.793	27 11 19.07	Z.C. δ 19$''$5
74.	4.30	3	42.712	20.83	
77.	5. 8	3	42.750	19.13	
79.	5.19	3	42.663	18.62	v. ft.
86.	5. 3	7	42.896	19.73	

6196 8.7 2.9776 −0.0095 −19.835 +0.073 25°2544

74.	5 15	3	12 33 54.069	25 40 32.34	Z.C. δ 31$''$5
78.	4.30	3	53.834	31.20	
78.	5. 4	3	53.755	30.52	
78.	5.11	3	53.909	31.87	

6197 8.7 2.9790 −0.0093 −19.835 +0.073 25°2543

73.	4.18	3	12 33 54.564	25 20 9.75	
76.	5. 4	3	54.804	8.61	
76.	5. 6	3	54.702	8.32	
77.	4.23	3	54.595	6.30	
81.	5. 7	3	54.784	8.26	

6198 9.3 2.9646 −0.0112 −19.835 +0.072 28°2141

73.	4.16	3	12 33 57.389	28 35 51.67	
73.	4.24	3	57.507	51.02	
74.	5. 6	3	57.562	49.48	
76.	5. 9	3	57.282	50.11	

6199 9.3 2.9629 −0.0113 −19.833 +0.072 29°2313

81.	5.10	3	12 34 4.548	28 54 30.26	Z.C. δ 30$''$8
81.	5.11	3	4.201	31.23	
81.	5.12	3	4.259	31.44	ft.
93.	4.19	4	4.318	31.55	
93.	4.21	5	4.210	29.34	

6200 9.1 2.9741 −0.0099 −19.833 +0.073 26°2378

73.	5.13	3	12 34 6.662	26 20 1.97	
90.	5.17	5	7.248	0.56	v. ft.

6201 7^{m}8 2^{s}9656 −0^{s}0106 −19$''$824 +0$''$074 27°2158

74.	4.21	3	12^{h}34^{m}45^{s}951	27° 49′ 33$''$16	
74.	4.30	3	46.019	34.71	
75.	4.20	3	45.974	33.31	
77.	5. 4	3	45.978	31.91	
79.	5. 9	3	45.954	33.53	
79.	5. 9	3	45.954	33.84	
85.	5.23	6	46.029	32.42	

6202 9.3 2.9716 −0.0098 −19.822 +0.075 26°2379

73.	5. 1	3	12 34 54.516	26 23 32.26	
73.	5.13	3	54.452	31.80	
74.	4.22	3	54.311	31.37	
75.	4. 5	3	54.363	30.98	
76.	5.15	2	54.541	31.86	v. ft.

6203 9.0 2.9655 −0.0100 −19.807 +0.076 27°2163

73.	5. 6	3	12 36 0.863	27 2 39.52	Z.C. δ 38$''$3
74.	4.21	3	0.946	37.60	
76.	4.28	3	0.849	37.83	
77.	5. 8	3	0.959	38.36	

6204 9 0 2.9546 −0.0113 −19.806 +0.076 29°2316

74.	5. 1	3	12 36 6.355	29 17 23.21	
76.	5.11	3	6.240	23.13	
76.	5.12	3	6.227	21.58	v. ft.
86.	5.15	5	6.285	23 09	
86.	5.18	5	6.206	23.31	

6205 9.4 2.9670 −0.0098 −19.806 +0.076 26°2380

73.	5. 1	3	12 36 6.948	26 38 24.10	
92.	4.28	7	7.063	24.91	

6206 9.3 2.9574 −0.0109 −19.804 +0.076 28°2143

73.	4.16	3	12 36 14.079	28 37 58.11	
73.	4.24	3	14.095	58.10	
74.	5. 6	3	14.117	56.15	
76.	5. 9	3	14 091	56.50	

6207 9.0 2.9512 −0.0116 −19.802 +0.077 29°2317

77.	5. 7	3	12 36 24.942	29 47 44.28	Z.C. δ 44$''$1
92.	4.29	7	25.381	43.90	

6208 8.6 2.9506 −0.0116 −19.801 +0.077 29°2318

74.	5. 1	3	12 36 28.907	29 50 50.86	Z.C. δ 51$''$7
77.	5. 7	3	29.192	52.30	
80.	5.14	3	29.107	52.05	

6209 7.5 2.9545 −0 0111 −19.800 +0.077 29°2319

76.	5.10	3	12 36 30.748	29 2 48.49	
76.	5.11	3	30.802	50.12	
76.	5.12	3	30.760	49.79	
83.	5. 7	3	30.611	51.76	

6210 9.5 2.9623 −0.0101 −19.797 +0.078 27°2164

74.	4.30	3	12 36 45.131	27 15 26.40	v. ft.
75.	4.20	3	45.044	26.72	
76.	4.28	2	44.865	26 64	
79.	5. 9	2	45.460	27.65	
88.	5. 8	7	45.268	27.01	

6211 8.2 2.9652 −0.0097 −19.797 +0.078 26°2382

73.	5. 1	3	12 36 45.754	26 35 43.66	
73.	5.13	3	45.697	42.47	
74.	4.22	3	45.596	44.77	
76.	5.15	3	45.667	44.07	
85.	5.23	5	45.532	42.41	

6212	$9^m.2$	$2^s.9714$	$-0^s.0089$	$-19''.795$	$+0''.078$	25°2547
73.	5.12	3	$12^h36^m52^s.986$	25°12′ 3″.60		
78.	5. 4	3	52.835	3.00		
78.	5.10	3	53.050	3.81		
78.	5.11	3	53.016	3.77		
6213	8.2	2.9724	−0.0088	−19.795	+0.078	25°2548
74.	5 15	3	12 36 54.122	24 59 9.47		
76.	5. 4	3	54 229	7.12		
76.	5. 5	3	54.090	8.44		
6214	8.5	2.9706	−0.0090	−19.793	+0 078	25°2549
74.	5.15	2	12 37 3.315	25 17 42.75		bad
76.	5. 6	2	2.812	44.50		
77.	4.23	3.	3.026	42.76		
78.	4.30	3	2.946	42.53		
86.	5. 4	7	3.001	43.38		
92.	4 30	7	3.072	45.03		
6215	6.5	2.9632	−0.0098	−19.791	+0.078	26°2383
74.	4.22	3	12 37 8.578	26 48 43.27		
75.	4. 5	3	8.612	41.39		w. 3 + 8^s
76.	5 2	3	8.661	44.70		
76.	5. 3	3	8.702	43.38		
76.	5.15	3	8.785	43.97		
86.	5. 3	7	8 774	43.10		
6216	9.2	2.9696	−0.0091	−19.791	+0 078	25°2553
78.	5. 4	2	12 37 9.917	25 26 28.94		
78.	5.11	1	10.179	31.24		
79.	5.16	3	9.995	28.68		
87.	5.16	5	10.256	29.51		
6217	8.9	2.9618	−0.0100	−19.791	+0.078	27°2165
73.	5. 6	3	12 37 9.971	27 6 21.50		Z.C. δ 19″.7
74.	4.30	2	10.174	19.90		
77.	5. 4	3	10.226	19.08		
77.	5. 8	3	10.183	18.32		
6218	8.9	2.9640	−0.0096	−19.787	+0.079	26°2384
73.	5.13	3	12 37 26.684	26 28 2.01		
75.	4. 5	3	26.670	0.75		
80.	5.14	3	26.752	2.89		
88.	5.12	6	26 469	1.67		
6219	7.5	2.9644	−0.0095	−19.787	+0.079	26°2385
73.	5. 1	2	12 37 28.084	26 21 53.68		Z.C. δ 53″.5
76.	5. 2	2	28.018	53.89		
76.	5. 8	3	27.885	52.36		
81.	4.26	3	27.949	55.00		
81.	5. 7	3	27.935	52.48		
81.	5.10	3	27.980	52.31		
81.	5.11	3	28.032	54.60		
6220	8.7	2.9553	−0.0104	−19.781	+0.080	28°2145
73.	4.16	3	12 37 50.765	28 0 43.68		
73.	4.24	3	50.909	45.51		D −5″
74.	5. 6	3	50.662	44.32		
6221	9.0	2.9680	−0.0089	−19.777	+0.080	25°2554
73.	5.12	3	12 38 10.723	25 12 27.19		Z.C. α $10^s.72$
76.	5. 5	3	10.687	26.79		
76.	5. 6	2	10.744	28.13		−30′
86.	5.15	5	10.709	23.65		

6222	$7^m.8$	$2^s.9510$	$-0^s.0108$	$-19''.776$	$+0''.079$	28°2146
74.	4.20	2	$12^h38^m12^s.951$	28° 39′ 56″.31		
74.	5. 6	3	12.921	56.48		
76.	5. 9	3	12.801	58.03		
83.	5.24	3	12.936	57.97		
85.	5. 9	7	12.848	57.76		
6223	8.6	2.9667	−0.0090	−19.776	+0.080	25°2555
76.	5. 4	3	12 38 14.063	25 26 32.18		
78.	5. 4	1	13.982	32.62		
78.	5.10	3	14.117	34.16		
78.	5.11	2	13.925	33.51		
6224	9.3	2.9545	−0.0104	−19.775	+0.080	28°2147
81.	4.26	3	12 38 17.813	27 53 41.82		
81.	5. 7	3	17.571	40.64		
81.	5.10	3	17.776	40.21		−1′
85.	5.11	7	17.672	41.54		
6225	8.0	2.9453	−0.0112	−19.770	+0.080	29°2320
74.	5. 1	3	12 38 36.631	29 32 35.78		
76.	5.11	3	36.633	35.69		
76.	5.12	3	36.662	35.02		−1 int.
86.	5.18	5	36.553	35.00		
6226	9.5	2.9619	−0.0093	−19.770	+0.081	26°2387
74.	4.22	3	12 38 39.177	26 10 56.83		†
6227	7.8	2.9518	−0.0103	−19.766	+0.081	28°2148
73.	4.24	3	12 38 55.347	28 4 43.08		Z.C. δ 42″.6
74.	4.20	3	55.314	41.42		
83.	5. 7	3	55.270	45.33		
85.	5.23	7	55.333	41.32		
88.	5.15	7	55.352	41.74		
6228	8.3	2.9498	−0.0106	−19.765	+0.081	28°2149
74.	5. 6	1	12 38 57.623	28 25 41.92		
80.	5.14	3	57.813	43.58		-1^m
81.	5.23	3	57.583	44.45		
84.	5. 5	4	57.811	45.11		
6229	8.9	2.9518	−0.0103	−19.764	+0.081	28°2150
73.	4.16	3	12 39 1.455	28 1 6.62		$+10^s$
81.	5.11	3	1 463	6.45		
84.	4.29	3	1.354	7.33		
84.	4.30	4	1.418	6.32		
6230	9.3	2.9412	−0.0114	−19.764	+0.081	30°2320
93.	4.19	7	12 39 2.856	30 2 10.61		
93.	4.21	7	2.775	8.24		
6231	9.2	2.9442	−0.0111	−19.761	+0.081	29°2321
74.	5. 1	3	12 39 13.362	29 21 58.90		Z.C. δ 58″.7
76.	5.10	3	13.234	57.62		ft.
77.	5. 7	3	13.161	59.23		−5′
81.	5.12	3	13.484	59.73		+ 5′
84.	5.10	5	13.235	58.09		
6232	9 2	2.9440	−0.0110	−19.759	+0.082	29°2322
76.	5.11	3	12 39 22.681	29 17 28.70		
92.	4 28	7	22.745	26.20		

6233	$9^{s}.0$	$2^{s}.9625$	$-0''.0090$	$-19''.758$	+0.082	25°2556
73.	5.12	3	$12^{h}39^{m}25^{s}.142$	$25^{\circ}\,36'\,20''.40$		
76.	5. 5	3	25.128	20.80		
78.	4.30	3	25.118	21.35		
6234	9.0	2.9429	−0.0111	−19.758	+0.082	29°2323
74.	5. 1	1	12 39 25.788	29 30 9.71		
76.	5.12	3	25.782	10.21		
83.	5.24	3	25.892	10.37		
85.	5.12	7	25.889	9.66		
88.	5. 8	7	25.901	9.96		
6235	8.9	2 9513	−0.0102	−19.757	+0.082	27°2167
73.	5. 6	3	12 39 28 937	27 48 46.29		
74.	4.21	3	28.755	45.98		
74.	4.30	3	28.949	46.97		
76.	4.28	3	28.948	45.41		
77.	5. 8	3	28.992	45.85		
6236	8.5	2.9631	−0.0088	−19.753	+0.083	25°2559
78.	5. 4	2	12 39 45.262	25 18 17.64		
78.	5.10	3	45.245	18.49		
79.	5.16	3	45.112	17.26		-10^{s}
6237	8.9	2.9626	−0.0088	−19.753	+0.083	25°2560
74.	5.15	3	12 39 46.884	25 24 32.17		Z.C. $\delta\,30''.9$
76.	5. 4	2	46.701	28.50		-1^{m}
81.	5. 7	3	46.737	31.67		
81.	5.10	3	46.767	30.63		
81.	5.11	3	46.769	31.58		ft. diffused
84.	5. 5	2	46.587	30.65		
6238	8.8	2.9400	−0.0111	−19.750	+0.083	29°2325
76.	5.10	3	12 39 59.589	29 40 18.65		
76.	5.11	3	59.431	20.46		
76.	5.12	1	59.491	19.24		
6239	9.3	2.9415	−0.0110	−19.749	+0.083	29°2324
77.	5. 7	3	12 40 2.762	29 21 56.39		
80.	5.14	3	2.690	56.75		
81.	5.12	2	2.973	57.09		ex. ft.
83.	5. 7	3	2.438	58.77		
84.	5.13	5	2.862	57.27		
6240	9.0	2.9528	−0.0097	−19.744	+0.084	27°2168
74.	4.21	2	12 40 20.083	27 1 51.78		
74.	4.30	3	20.105	53.43		
76.	4.28	3	20.243	50.36		
77.	5. 8	3	20.303	49.83		
6241	6.7	2.9637	−0.0084	−19.743	+0.084	24°2493
73.	5.12	3	12 40 24.063	24 50 9.82		
74.	5.15	3	24.262	11.64		
76.	5. 5	3	23.882	9.43		
78.	5.10	1	23.788	9.57		-1^{m}
86.	5. 6	7	23.967	8.33		
6242	8.8	2.9483	−0.0099	−19.738	+0.085	27°2169
74.	4.21	2	12 40 44 714	27 39 13 94		
74.	4.30	2	44.907	14.02		
77.	5. 4	3	44.692	13.23		
77.	5. 4	2	44.752	13.48		
86.	5.18	7	44.651	14.16		
6243	$9^{m}.5$	$2^{s}.9472$	$-0^{s}.0100$	$-19''.734$	$+0''.085$	27°2170
74.	5 11	3	$12^{h}40^{m}59^{s}.158$	$27^{\circ}\,43'\,22''.13$		
75.	4.20	3	59.036	21.25		
79.	5. 9	3	59.175	21.43		
6244	8.6	2.9613	−0.0085	−19.732	+0.085	25°2561
76.	5. 5	2	12 41 7.640	24 55 43.25		Z.C. $\delta\,44''.3$
77.	4.23	3	7.897	44.10		
78.	4.30	3	7.714	44.83		
78.	5. 4	3	7.702	43.96		
86.	5. 4	7	7.757	45 40		
6245	9.0	2.9438	−0.0101	−19.726	+0.086	28°2151
73.	4.16	3	12 41 29.853	28 5 32.16		
73.	4.24	3	30.094	32.61		
73.	5.16	3	30.069	31.85		
74.	5. 6	3	30.125	31.20		−30′
87.	5.16	4	30.257	32.30		
87.	5.20	7	30.176	32.36		
6246	7.1	2.9602	−0.0083	−19.721	+0.087	24°2495
73.	5.12	3	12 41 50.370	24 46 40.53		Z.C. $\delta\,40''.5$
76.	5. 4	3	50.312	40.69		
77.	4.23	3	50.431	40.25		
78.	4.30	3	50.298	40.75		
85.	5.23	6	50.357	40.08		
6247	9.1	2.9602	−0.0083	−19.720	+0.087	24°2496
73.	5.12	1	12 41 52.911	24 45 4.17		
78.	5.11	3	52.704	3.75		
81.	5.10	3	52.824	4.21		
81.	5.11	2	52.845	4.13		
84.	5. 5	2	52.783	3.37		
6248	8.0	2.9440	−0.0099	−19.720	+0.087	27°2172
73.	5. 6	3	12 41 55.555	27 47 25.58		Z.C. $\alpha\,55^{s}.68$
74.	4.21	2	55.714	24.27		
74.	5.11	3	55.729	23.68		
75.	4.20	3	55.752	23.52		− 1 int.
76.	4.28	3	55.651	23.40		
77.	5. 8	3	55.661	24.38		
88.	5.15	7	55.671	24.52		
6249	8.8	2.9540	−0.0088	−19.716	+0.087	25°2564
73.	5.13	3	12 42 10.054	25 49 7.93		
74.	5.15	3	10.068	8.08		
79.	5.16	3	9.920	7.23		
81.	5.21	3	9.767	8.91		
83.	5. 7	3	9.857	9.78		
6250	8.0	2.9392	−0.0102	−19.713	+0.087	28°2152
73.	4.16	3	12 42 19.665	28 27 57.91		
73.	4.24	3	19.675	57.66		
73.	5.16	3	19.450	57.28		
74.	5. 9	3	19.530	56.67		
86.	5.20	7	19.489	57.32		
6251	8.9	2.9552	−0 0086	−19.712	+0.088	25°2566
80.	5.14	3	12 42 24.791	25 26 47.51		
84	4.29	3	24.785	47.54		
84.	4.30	7	24.947	47.35		
6252	8.1	2.9452	−0.0096	−19.711	+0.087	27°2173
73.	5. 6	2	12 42 29.173	27 16 54.06		
74.	4.30	2	29.117	53.29		
77.	5. 8	3	29.007	51.17		

6253 $6^{\mathrm{m}}.0$ $2^{\mathrm{s}}.9540$ $-0^{\mathrm{s}}.0086$ $-19''.707$ $+0''.088$ 25°2568

79.	5.16	1	$12^{\mathrm{h}}42^{\mathrm{m}}41^{\mathrm{s}}.480$	25° 31′ 32″.52	
83.	5.23	3	41.330	34.52	
84.	4.29	1	41.469	33.59	+ 1′
85.	5. 9	5	41 462	32.86	

6254 9.5 2.9299 −0.0109 −19.705 +0.088 29°2326

85.	5. 7	5	12 42 48.082	29 50 3.20	
92.	4.28	5	48.081	2.17	$+1^{\mathrm{s}}$

6255 9.1 2.9418 −0.0097 −19.701 +0.088 27°2174

81.	5. 7	3	12 43 4.674	27 33 59.88	Z.C. δ 59″.0
81.	5.11	3	4.740	58.41	
81.	5.21	3	4.632	58.75	

6256 6.3 2.9377 −0.0100 −19.699 +0.088 28°2153

73.	4.16	3	12 43 11.795	28 13 61.27	
73.	4.24	3	12.035	60.39	
73.	5.16	3	11.947	59.75	
74.	5. 6	3	11.850	58.99	
74.	5. 9	1	12.080	59.19	

6257 8.8 2.9445 −0.0093 −19.695 +0.089 27°2175

73.	5. 6	2	12 43 25.496	26 54 19.04	Z.C. α $25^{\mathrm{s}}.42$
74.	4.21	3	25.303	16.94	
75.	4.20	3	25.494	16.43	−5′
77.	5. 8	2	25.443	17.23	
79.	5.19	3	25.413	17.03	
81.	5.23	3	25.395	17.45	

6258 8.9 2.9271 −0.0109 −19.692 +0.089 29°2328

74.	5. 1	3	12 43 38.962	29 50 28.04	
76.	5.10	3	39.026	27.78	
76.	5.11	3	39.111	30.54	diffused
77.	5. 7	3	38.951	27.92	
77	5 7	3	38.821	28.32	
81.	5. 7	3	39.177	27.78	
81.	5.10	3	39.250	28 21	
85.	5. 8	6	39.011	26.40	

6259 7.3 2.9425 −0 0094 −19.691 +0.089 27°2176

74.	4.30	3	12 43 41.188	27 6 48.74	
74.	5 11	3	41.336	47.41	
85.	5.23	6	41.390	46.57	

6260 9.0 2.9545 −0.0081 −19.687 +0.090 24°2498

76.	5. 5	3	12 43 56 021	24 49 0.11	
77.	4.23	2	56.020	0.65	
78.	5. 4	3	56.037	0.76	
86.	5.15	5	56.048	0.32	
86.	5.18	5	56.009	0.83	

6261 9.1 2.9426 −0.0092 −19.683 +0.090 26°2393

73.	5.13	3	12 44 11.456	26 50 25.82	
76.	5. 2	2	11.334	28.21	
76.	5. 8	2	11.369	26.71	
76.	5.15	2	11.569	27.33	

6262 9.4 2.9418 −0.0092 −19.680 +0.091 — —

73.	5. 6	2	12 44 21.437	26 54 13.01	
76.	4 28	3	21.379	11 77	

6263 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.9416$ $-0^{\mathrm{s}}.0092$ $-19''.678$ $+0''.091$ 27°2177

73.	5.13	3	$12^{\mathrm{h}}44^{\mathrm{m}}25^{\mathrm{s}}.934$	26° 53′ 27″.00	Z.C. δ 27″.2
74.	4.30	1	25 887	28.51	
76	4.28	2	25.807	27.38	
81.	5.10	3	26.152	26.21	
85.	5. 9	7	25.932	26.89	
85.	5.11	7	25 903	27.03	

6264 9.2 2.9389 −0.0092 −19.669 +0.092 27°2180

74.	4 21	3	12 45 0.170	27 5 29 02	−30′
74.	5.11	3	0.188	27.88	Z.C. α $0^{\mathrm{s}}.22$
75.	4.20	3	0.216	28.45	
79.	5.19	3	0.209	28.94	
80.	5.14	3	0.193	30.23	
81.	5.12	3	0.336	29.87	

6265 9.0 2.9330 −0.0097 −19.666 +0.092 28°2154

73.	4.24	3	12 45 10.544	28 1 16.54	
73.	5.16	3	10.382	15.19	
74.	5. 6	3	10 293	14.45	
74.	5. 9	3	10.583	15.96	
86.	5 20	7	10.336	15.99	

6266 8.8 2.9269 −0.0103 −19 665 +0.092 29°2329

74.	5. 1	3	12 45 12.425	29 1 53.71	
76	5.10	3	12.371	52.28	
76.	5.11	3	12.295	53.48	

6267 8.4 2.9234 −0.0105 −19.664 +0.092 29°2330

76.	5.11	2	12 45 16.728	29 32 39.89	
76.	5.12	3	16.725	40.75	
81.	5. 7	3	16.769	39.68	
81.	5.21	3	16.773	39.20	
81.	5.23	3	16.810	39.14	
83.	5. 7	3	16.580	39.87	

6268 8.4 2.9330 −0.0096 −19.663 +0.093 28°2155

73.	4.16	3	12 45 22.007	27 54 50.94	
74.	4.20	3	22.136	50.27	
83.	5.24	3	22.159	52.34	

6269 9.4 2.9346 −0.0095 −19.662 +0.093 — —

92.	4.28	3	12 45 23.892	27 36 35.39	† ex. ft.

The observations made during revision give R.A. $1^{\mathrm{s}}.0$ less: Oxford photographs give R.A. $0^{\mathrm{s}}.7$ less.

6270 8.9 2.9231 −0.0105 −19.661 +0.092 29°2331

74.	5. 1	3	12 45 29.160	29 29 42.64	
76.	5.12	2	29.013	41.68	

6271 8.7 2.9424 −0.0087 −19.659 +0.093 26°2397

74.	4.22	3	12 45 32.722	26 11 26.85	
76.	5. 2	2	32.594	28.69	
76.	5. 8	3	32.746	24.81	
76.	5.15	2	32 637	26.53	-1^{m}
84.	5. 6	3	32.835	23.44	

6272 5.0 2.9304 −0.0098 −19.658 +0.093 28°2156

74.	4.20	2	12 45 36.725	28 13 16.73	
76.	5. 9	3	36.408	16.73	
81.	5 11	3	36.580	16.41	
83.	5.23	3	36.686	16.38	
84.	4.29	6	36.508	17.61	
85.	5. 7	7	36.644	16.97	
85.	5. 8	7	36.491	15.84	C − 30″

6273 $9^{m}.0$ $2^{s}.9412$ $-0^{s}.0088$ $-19''.656$ $+0''.093$ 26°2398

74. 4.22	3	$12^{h}45^{m}43^{s}.748$	$26^{\circ}\ 19'\ 18''.18$	
78. 4.30	3	43.640	16 51	

6274 7.8 2.9408 −0.0088 −19.655 +0.094 26°2399

76. 5. 2	2	12 45 47.222	26 21 18.77	clds.
76. 5. 8	3	47.205	18.19	Z.C. δ 18″.4
76. 5.15	1	47.265	18.65	
78. 4.30	2	47.081	17.92	
81. 5.21	3	47.211	18.90	
81. 5.23	2	47.292	19.50	
85. 5.23	5	47.307	16.95	
86. 5. 6	7	47.290	18.41	

6275 8.9 2.9417 −0.0087 −19.653 +0.094 26°2401

81. 5.10	3	12 45 56.786	26 8 15.54	Z.C. δ 16″.5
81. 5.11	3	56.587	17.31	
81. 5.12	3	56.646	17.52	ft.
84. 4.30	7	56.716	16.06	
84. 5. 5	4	56.486	16.18	

6276 8.6 2.9256 −0.0101 −19.652 +0.093 28°2158

74. 5. 6	3	12 46 0.327	28 48 34.89	
74. 5. 9	2	0.516	33.17	
76. 5. 9	2	0.380	36.43	

6277 8.6 2.9417 −0.0086 −19.650 +0.094 26°2402

73. 5.13	3	12 46 4.839	26 3 13.47	
83. 5. 7	3	4.708	14.87	
83. 5.23	1	4.732	15.18	
85. 5.12	7	4.793	13.21	

6278 8.5 2.9202 −0.0104 −19.645 +0.094 29°2333

74. 5. 1	2	12 46 20.874	29 31 12.19	
76. 5.10	3	20.965	11.82	
76. 5.11	3	21.208	12.86	
76. 5.12	1	20.955	11.32	
86. 5.15	7	21.042	12.11	
86. 5.18	5	20.943	12.65	

6279 9.0 2.9244 −0.0098 −19.635 +0.095 28°2159

73. 4.16	3	12 46 56.966	28 30 44.87	
73. 4.24	3	57.083	43.94	
73. 5.16	3	57.149	44.62	
74. 4.20	3	57.170	43.57	

6280 7.4 2.9307 −0.0092 −19.635 +0.095 27°2187

73. 5. 6	3	12 46 58.154	27 28 38.11	Z.C. δ 36″.7
74. 4.21	3	57.989	36.61	
74. 4.30	3	58.397	38.15	
74. 5.11	3	58.064	36.47	
76. 4.28	3	58.081	35.96	
79. 5.19	3	57.944	35.69	
81. 5.10	3	58.364	35.46	
81. 5.11	2	58.125	37.33	

6281 8.4 2.9400 −0.0084 −19.631 +0.096 25°2570

73. 5.12	3	12 47 9.771	25 49 25.01	Z.C. δ 24″.3
76. 5. 5	3	9.779	23.47	
76. 5. 6	3	9.845	25.21	
77. 4.23	3	9.716	23.58	

6282 $7^{m}.7$ $2^{s}.9166$ $-0^{s}.0104$ $-19''.631$ $+0''.095$ 29°2334

76. 5 10	1	$12^{h}47^{m}10^{s}.342$	$29^{\circ}\ 40'\ 11''.93$	
76. 5.11	2	10.275	12.01	
77. 5. 7	3	10.399	12.06	
77. 5. 7	3	10.429	12.78	−5′
86. 5. 4	7	10.516	12 01	

6283 8.1 2.9413 −0.0081 −19.619 +0.098 25°2571

76. 5. 6	2	12 47 48.811	25 18 56.25	
78. 5. 4	3	48.857	53.97	v. ft.
78. 5.11	3	48.677	54.74	
86. 5.18	5	48.807	55.74	

6284 7.5 2.9283 −0.0091 −19.619 +0.097 27°2189

73. 5. 6	3	12 47 50.508	27 27 32.24	
74. 4 21	3	50.424	31.37	
74. 5.11	3	50.428	31.74	
76. 4.28	3	50.403	31.15	
79. 5.19	3	50.472	31.34	
81. 5. 7	3	50.455	33 51	
81. 5.11	3	50.738	31.19	
81. 5.21	3	50.429	31.76	

6285 8.8 2.9403 −0.0081 −19.619 +0.098 25°2572

76. 5. 4	3	12 47 51.824	25 26 44.25	ex. ft.
76. 5. 5	3	51.703	45.01	ft.
78. 5.10	3	51.882	46.93	

6286 9 5 2.9195 −0.0099 −19.618 +0.097 28°2161

73. 5.16	3	12 47 53.400	28 49 28.18	
74. 5. 6	3	53.394	27.76	
80. 5.14	3	53.180	27.81	

6287 8.9 2.9222 −0.0096 −19.615 +0.097 28°2163

73. 4.16	3	12 48 2.443	28 21 16.16	
74. 5. 9	3	2.634	15.84	
76. 5. 9	3	2.378	16.50	

6288 8.8 2.9166 −0.0100 −19.612 +0.097 29°2336

74. 5. 1	3	12 48 14.415	29 7 42.20	
76. 5.11	1	14.194	42.63	
76. 5.12	2	14.301	41.29	

6289 9.3 2.9183 −0.0097 −19.602 +0.099 28°2165

73. 4.24	3	12 48 46.865	28 35 30.10	Z.C. δ 28″.4
74. 4.20	3	46.658	27.72	
81. 5. 7	3	46.767	28.63	
81. 5.10	3	47.129	27.10	

6290 8.9 2.9175 −0.0097 −19.600 +0.099 28°2166

74. 5. 6	3	12 48 53.263	28 40 13.95	
74. 5. 9	3	53.321	15.71	
86. 5 3	7	53.268	14.24	
89. 5.16	5	53.229	14.97	

6291 8.8 2.9395 −0.0078 −19.598 +0.099 25°2573

73. 5.12	3	12 48 58.535	25 4 57.77	Z.C. δ 57″.1
77. 4.23	3	58.397	56.40	

6292 9.0 2.9123 −0.0101 −19.598 +0.099 29°2339

74. 5. 1	3	12 48 59.131	29 25 9.47	Z.C. α 59ˢ.14
76. 5 10	3	59.096	8.26	
80. 5.14	3	59.205	8.49	

6293 8^{m}.2 2^{s}.9156 −0^{s}.0099 −19″.598 +0″.099 29°2340

81. 5.11	1	12^{h}48^{m}60^{s}.114	28° 54′ 44″.03	Z.C. δ 44″.8
81. 5.21	3	60.157	44.95	
81. 5.23	3	59.914	45.44	

6294 8.0 2.9183 −0.0096 −19.596 +0.099 28°2167

73. 4.16	3	12 49 4.311	28 26 49.55	
73. 5.16	3	4.487	48.09	
76. 5. 9	3	4.217	47.99	

6295 8.2 2.9303 −0.0085 −19.591 +0.100 26°2404

73. 5.13	3	12 49 22.247	26 25 11.68	
74. 4.22	3	22.317	13.04	
76. 5. 2	3	22.244	12.85	
76. 5. 8	3	22.307	12.56	
76. 5.15	3	22.384	13.17	

6296 8.7 2.9290 −0.0086 −19.589 +0.100 26°2405

76. 5. 2	2	12 49 28.700	26 34 11.31	
76. 5.15	2	28.489	10.54	
81. 5.12	3	28.636	10.90	clds.
85. 5. 8	6	28.614	9.21	
86. 5. 4	5	28.551	11.93	+ 1′

6297 9.5 2.9203 −0.0092 −19.586 +0.100 27°2194

73. 5. 6	3	12 49 36.988	27 52 36.99	
73. 5. 6	1	37.168	36.40	
74. 4.21	3	36.884	33.50	

6298 9.1 2.9267 −0.0085 −19.579 +0.101 26°2407

73. 5.13	3	12 50 0 383	26 41 55.76	
74. 4.22	3	0.107	56.75	
76. 5. 8	3	0.141	55.39	
81. 5. 7	3	0.200	56.39	
81. 5.10	2	0.390	55.71	
88. 5. 8	7	0.276	55.40	
90. 5.17	7	0.366	55.44	

6299 9.2 2.9360 −0.0076 −19.565 +0.103 24°2509

78 5.10	3	12 50 44.885	24 53 13.68	Z.C. δ 13″.6
78. 5.11	3	44.742	12.34	
81. 5. 7	3	44.957	13.67	
81. 5.11	2	45.081	13.38	
83. 5. 7	3	45.103	15.13	

6300 9.0 2.9127 −0.0094 −19.563 +0.102 28°2169

73. 4.16	3	12 50 48.297	28 28 57.42	
73. 4.24	3	48.391	58.21	
73. 5.16	3	48.299	56.45	
74. 5. 6	3	48.366	56.64	ex. ft.
74. 5. 9	3	48.333	55.79	
81. 5.12	3	48.479	55.00	

6301 8.8 2.9344 −0.0076 −19.561 +0.103 25°2577

73. 5.12	3	12 50 54.817	25 4 26.42	Z.C. δ 25″.4
76. 5. 6	3	54.845	26.87	
77. 4.23	3	54.806	24.53	
79. 5.16	3	54.730	23.95	

6302 8.0 2.9296 −0.0079 −19.552 +0.103 25°2578

76. 5. 4	3	12 51 22.763	25 37 42.63	
76. 5. 5	3	22.773	41.15	w. 1 + 1^{s}
76. 5. 6	3	22.739	43.22	
78. 5.10	3	22.761	43.23	

6303 9^{m}.0 2^{s}.9023 −0^{s}.0100 −19″.548 +0″.103 29°2346

76. 5.11	1	12^{h}51^{m}35^{s}.077	29° 39′ 19″.17	
76. 5.12	3	34.983	19.19	
81. 5.20	3	35.130	20.60	

6304 9.0 2.9061 −0.0097 −19.548 +0.103 29°2345

74. 5. 1	3	12 51 36.605	29 6 26.33	
76. 5.10	3	36.592	25.11	
76. 5.11	3	36.444	26.58	

6305 9.0 2.9032 −0.0099 −19.547 +0.103 29°2347

81. 5.21	3	12 51 39.566	29 30 9.15	
81. 5.21	2	39.556	9.25	
85. 5. 8	7	39.577	7.25	

6306 8.8 2.9224 −0.0083 −19.547 +0.104 26°2409

73. 5.13	3	12 51 40.439	26 36 44.88	
74. 4.22	3	40.401	46.41	
76. 5. 8	3	40.423	45.63	

6307 9.5 2.9314 −0.0076 −19.545 +0.104 25°2579

73. 5.12	2	12 51 44.596	25 11 25.94	†

6308 9.4 2.9304 −0.0076 −19.538 +0.105 25°2580

78. 5. 4	3	12 52 7.018	25 12 2.20	v. ft.
78. 5.11	3	6.979	1.27	
81. 5.12	3	7.081	2.80	

6309 8.7 2.9205 −0.0083 −19.532 +0.105 26°2410

73. 5.13	3	12 52 24.211	26 35 49.65	
76. 5. 8	3	24.024	49.51	
76. 5.15	3	24.020	51.08	

6310 9.1 2.9317 −0.0074 −19.530 +0.105 24°2513

76. 5. 4	3	12 52 29.805	24 50 56.61	+ 7^{s}
76. 5. 6	2	29.747	58.82	
78. 5. 4	2	29.478	58.57	
79. 5.16	3	29.590	57.96	

6311 7.0 2.9039 −0.0095 −19.529 +0.105 29°2348

74. 5. 1	3	12 52 32.543	28 59 41.79	
76. 5.10	3	32.603	40.68	
76. 5.12	3	32.353	41.08	− 5′

6312 9.2 2.9116 −0.0089 −19.529 +0.105 27°2199

73. 5. 6	3	12 52 32.981	27 52 15.04	Z.C. δ 14″.0
74. 4.21	3	32.859	12.70	
76. 4.28	3	32.850	12.68	
81. 5.12	1	32.868	15.07	
81. 5.20	3	33.010	14.43	

6313 7.5 2.9093 −0.0089 −19.527 +0.105 28°2170

73. 4.16	3	12 52 39.344	28 9 12.30	
73. 4.24	3	39.276	13.13	
73. 5.16	3	39.240	12.78	
74. 5. 9	3	39.171	11.88	−5′
88. 5.11	7	38.969	12.53	

6314 8.2 2.9117 −0.0089 −19.527 +0.105 27°2201

73. 5. 6	2	12 52 39.940	27 47 41.84	d. l.
74. 5.11	3	39.928	40.29	Z.C. δ 41″.1
77. 5.17	3	39.700	41.01	d. p.
81. 5. 7	3	39.900	41.31	
81. 5.23	3	39.877	41.56	
86. 5. 3	7	39.982	40.78	−5′

6315 $7^{m}.4$ $2^{s}.9026$ $-0^{s}.0094$ $-19''.510$ $+0''.106$ $28^\circ 2171$

73. 4.24	3	$12^{h}53^{m}30^{s}.720$	$28^\circ 44' 28''.02$	
73. 5.16	3	30.704	26.18	
74. 5. 6	3	30.721	24.88	
74. 5. 9	3	30.698	26.61	

6316 8.1 2.9013 −0.0094 −19.510 +0.106 $29^\circ 2350$

76. 5.10	3	12 53 32.315	28 54 49.25	
76. 5.11	3	32.278	49.11	
76. 5.12	3	32.215	48.81	
88. 5.12	5	32.349	48.40	

6317 9.1 2.9282 −0.0073 −19.505 +0.108 $24^\circ 2516$

73. 5.12	3	12 53 45.887	24 51 57.13	+ 1′
78. 4.30	3	45.673	56.59	
88. 5.15	5	45.894	55.21	-1^{m}

6318 8.9 2.8974 −0.0096 −19.502 +0.107 $29^\circ 2351$

74. 5. 1	3	12 53 53.146	29 18 23.89	Z.C. δ 22″.4
81. 5. 7	3	53.223	20.47	
81. 5.10	2	53.474	20.74	
81. 5.20	3	53.068	22.65	
83. 5. 7	3	52.996	24.02	

6319 9.2 2.9216 −0.0078 −19.501 +0.108 $25^\circ 2582$

78. 5.10	3	12 53 56.898	25 46 56.82	
78. 5.11	3	56.926	57.45	
80. 5.14	3	56.912	56.84	

6320 9.1 2.8958 −0.0094 −19.486 +0.108 $29^\circ 2354$

74. 5. 1	2	12 54 41.455	29 11 4.86	
76. 5.11	3	41.375	2.67	
76. 5.12	3	41.281	1.98	

6321 7.4 2.9242 −0.0073 −19.480 +0.110 $25^\circ 2583$

76. 5. 4	3	12 54 58.562	24 59 28.97	
76. 5. 5	3	58.401	27.78	
76. 5. 6	3	58.527	29.45	
79. 5.16	3	58.522	28.39	
79. 5.16	3	58.472	28.71	

6322 8.8 2.9149 −0.0079 −19.477 +0.109 $26^\circ 2415$

73. 5.13	3	12 55 6.265	26 17 46.45	
74. 4.22	3	6.255	47.48	
76. 5.15	3	6.182	47.86	
81. 5.12	2	6.241	47.74	
81. 5.20	3	6.271	46.23	

6323 8.6 2.9146 −0.0079 −19.474 +0.110 $26^\circ 2416$

73. 5.13	3	12 55 16.364	26 16 28.37	
74. 4.22	3	16.305	30.77	
76. 5. 8	3	16.308	29.21	
76. 5.15	2	16.352	29.34	

6324 9.1 2.9163 −0.0078 −19.474 +0.110 $26^\circ 2417$

73. 5.12	3	12 55 17.240	26 1 4.80	
92. 4.28	5	17.298	2.72	

6325 8.0 2.8877 −0.0095 −19.457 +0.110 $29^\circ 2357$

74. 5. 1	3	12 56 4.993	29 39 53.06	
76. 5.10	3	4.816	53.10	+ 1°
76. 5.11	3	5.009	54.45	
76. 5.12	3	4.865	52.87	
81. 5.21	3	4.897	53.64	

6326 $8^{m}.9$ $2^{s}.9129$ $-0^{s}.0077$ $-19''.453$ $+0''.112$ $26^\circ 2418$

74. 4.22	2	$12^{h}56^{m}15^{s}.874$	$26^\circ 7' 27''.87$	
76. 5. 8	3	15.540	25.48	
76. 5.15	1	15.644	26.10	

6327 9.1 2.8867 −0.0095 −19.448 +0.111 $29^\circ 2358$

81. 5. 7	3	12 56 28.467	29 38 18.31	Z.C. δ 18″.7
81. 5.10	3	28.677	17.75	
81. 5.23	3	28.529	20.16	

6328 9.1 2.9046 −0.0081 −19.440 +0.113 $27^\circ 2208$

73. 5. 6	3	12 56 51.816	27 3 46.87	Z.C. δ 46″.0
74. 5.11	3	51.842	44.82	
76. 4.28	3	51.900	45.69	
81. 5.20	2	52.040	46.62	

6329 9.5 2.9046 −0.0081 −19.439 +0.113 — —

73. 5. 6	2	12 56 53.795	27 4 40.34	†

6330 9.3 2.9126 −0.0075 −19.437 +0.113 $25^\circ 2585$

73. 5.12	3	12 56 59.258	25 52 22.57	
78. 4.30	3	59.257	21.28	
78. 5.11	3	59.143	21.34	
78. 5.11	2	59.223	21.29	
81. 5.12	3	59.325	23.23	

6331 8.3 2.9198 −0.0070 −19.435 +0.113 $24^\circ 2530$

73. 5.12	3	12 57 5.448	24 49 59.41	
76. 5. 5	3	5.403	57.82	
76. 5. 6	3	5.259	60.70	
78. 4.30	1	5.204	58.41	

6332 9.1 2.8869 −0.0092 −19.431 +0.113 $29^\circ 2359$

81. 5. 7	3	12 57 15.780	29 16 43.79	
81. 5.10	2	16.208	42.39	v. ft.
87. 5.10	7	16.048	42.35	

6333 8.7 2.9071 −0.0078 −19.428 +0.114 $26^\circ 2420$

73. 5.13	3	12 57 26.859	26 28 9.22	Z.C. δ 9″.1
76. 5. 8	3	26.784	9.05	
80. 5.14	3	26.615	9.13	

6334 9.1 2.8935 −0.0087 −19.424 +0.113 $28^\circ 2176$

73. 4.16	3	12 57 36.672	28 15 46.03	
73. 5.16	3	36.775	46 95	
74. 5. 6	3	36.601	46.65	
74. 5. 9	3	36.826	47.08	

6335 8.5 2.8869 −0.0091 −19.423 +0.113 $29^\circ 2360$

74. 5. 1	3	12 57 38.830	29 7 24.96	
76. 5.10	3	38.963	24.49	
76. 5.11	3	38.956	25.31	
76. 5.12	3	38.853	25.11	

6336 9.0 2.9090 −0.0076 −19.422 +0.114 $26^\circ 2421$

73. 5.13	3	12 57 42.557	26 6 26.09	
74. 4.22	3	42.439	26.69	
76. 5.15	1	42.352	25.05	

6337 8.8 2.8875 −0.0089 −19.409 +0.114 $28^\circ 2179$

73. 5.16	3	12 58 17.942	28 46 44.59	
74. 4.20	3	17.935	44.49	
74. 5. 6	3	17.912	43.34	
74. 5. 9	3	18.008	43.84	

6338 $9^m.1$ $2^s.9009$ $-0^s.0080$ $-19''.408$ $+0''.115$ 27°2209

80.	5.20	3	$12^h58^m19^s.717$	26° 58′ 41″.18	
92.	5. 6	5	19.725	41.44	

6339 9.1 2.9005 −0.0079 −19.403 +0.115 27°2210

76.	4.28	3	12 58 33.543	26 56 19.22	Z.C. δ 19″.6
79.	5.19	3	33.457	20.02	
80.	5.14	3	33.589	18.75	
81.	5.21	3	33.547	20.57	

6340 9.0 2.9141 −0.0068 −19.391 +0.117 24°2536

73.	5.12	3	12 59 6.048	24 52 31.28	
78.	4.30	3	6.267	31.60	
78.	5. 4	3	6.100	32.52	
78.	5.10	2	6.212	31.40	
78.	5.10	2	6.142	32.28	
79.	5.16	3	6.263	31.27	

6341 9.1 2.8824 −0.0089 −19.388 +0.115 29°2362

74.	5. 1	3	12 59 14.043	29 3 53.69	
76.	5.10	3	14.057	52.64	
76.	5.11	3	14.009	52.31	

6342 9.0 2.9080 −0.0072 −19.386 +0.117 25°2591

76.	5. 4	3	12 59 18.866	25 39 5.59	
76.	5. 6	3	18.800	8.46	
78.	5. 4	3	18.674	7.95	
81.	5.20	3	19.006	7.06	

6343 7.6 2.8950 −0.0080 −19.378 +0.117 27°2212

73.	5. 6	3	12 59 39.843	27 15 21.30	
76.	5.19	3	39.986	19.54	
77.	5. 8	3	39.817	21.07	

6344 9.3 2.8882 −0.0084 −19.376 +0.117 28°2181

73.	4.16	3	12 59 47.311	28 5 37.75	
74.	4.20	3	47.353	39.08	
74.	5. 6	3	47.482	38.28	
74.	5. 9	3	47.287	38.01	
85.	5. 9	6	47.598	39.98	
85.	5.15	6	47.525	38.81	
85.	5.21	6	47.709	41.31	v. ft.

6345 9.0 2.8972 −0.0078 −19.375 +0.118 27°2213

73.	5.13	1	12 59 49.601	26 53 53.33	Z.C. δ 52″.8
81.	5. 7	3	49.584	52.35	
81.	5.10	3	49.879	50.67	
81.	5.12	3	49.538	53.37	
81.	5.20	3	49.497	53.33	
81.	5.21	3	49.654	53.01	
86.	5.15	5	49.376	53.51	

6346 8.9 2.8757 −0.0091 −19.372 +0.117 29°2363

76.	5.12	3	12 59 58.077	29 36 25.92	
77.	5.19	3	58.029	27.47	
80.	5.14	3	58.218	25.31	− 1 int.

6347 8.9 2.8808 −0.0088 −19.370 +0.117 29°2364

76.	5.11	3	13 0 2.480	28 56 17.24	Z.C. δ 17″.1
76.	5.12	2	2.326	16.76	
77.	5.19	1	2.761	18.07	
83.	5.22	3	2.631	16.45	

6348 $9^m.0$ $2^s.9044$ $-0^s.0072$ $-19''.370$ $+0''.118$ 25°2595

81.	5. 7	2	$13^h\ 0^m\ 3^s.636$	25° 51′ 8″.76	Z.C. δ 9″.3
85.	5.11	7	3.674	9.65	
86.	5.20	5	3.567	9.56	

6349 6.8 2.8742 −0.0091 −19.366 +0.117 29°2365

74.	5. 1	3	13 0 12.318	29 41 57.22	
76.	5.10	3	12.158	57.06	
80.	5.25	3	12.465	57.06	

6350 8.7 2.8809 −0.0086 −19.359 +0.118 28°2182

73.	5.16	3	13 0 31.990	28 44 37.29	
74.	4.20	3	31.881	35.73	
74.	5. 9	3	32.153	35.89	+5′
83.	5. 7	3	31.855	39.35	

6351 8.9 2.8869 −0.0082 −19.353 +0.119 27°2216

73.	5. 6	3	13 0 47.813	27 52 7.08	
74.	5.11	3	47.633	5.65	
76.	5.19	3	47.670	5.15	
77.	5. 8	3	47.730	4.79	
79.	5.19	3	47.877	6.04	

6352 8.8 2.9055 −0.0069 −19.352 +0.120 25°2597

73	5.12	3	13 0 49.635	25 26 17.54	
87.	5.14	7	49.773	17.38	
87.	5.16	7	49.758	18.24	
87.	5.20	7	49.779	17.79	

6353 8.4 2.8787 −0.0086 −19.352 +0.119 28°2184

73.	4.16	3	13 0 50.735	28 52 35.39	
74.	5. 6	3	50.754	36.89	
83.	5.22	3	50.873	38.08	

6354 9.0 2.8756 −0.0088 −19.351 +0.119 29°2368

84.	5.10	3	13 0 52.236	29 15 53.45	d. s. f.
84.	5.14	5	52.713	55.00	d. s. f. v. ft.
84.	5.17	3	52.243	52.72	d.

6355 8.8 2.9033 −0.0071 −19.350 +0.120 25°2598

87.	5.21	7	13 0 55.173	25 42 32.48	
89.	5.21	7	54.948	28.55	
91.	5.12	7	54.848	29.99	

6356 5.0 2.8823 −0.0083 −19.344 +0.119 28°2185

73.	5.16	3	13 1 10.759	28 17 45.26	
74.	4.20	2	10.811	44.64	
80.	5.25	3	10.917	45.14	
83.	5.24	3	10.994	45.40	

6357 8.2 2.8736 −0.0089 −19.344 +0.119 29°2369

76.	5.10	3	13 1 11.523	29 22 52.27	
76.	5.11	3	11.575	52.43	
76.	5.12	3	11.581	51.46	− 4 int.

6358 9.5 2.8729 −0.0089 −19.341 +0.119 29°2370

80.	5.14	3	13 1 19.380	29 25 15.30	†

6359 7.5 2.8904 −0.0078 −19.338 +0.120 27°2217

74.	5.11	3	13 1 25.069	27 11 30.54	
76.	5.19	3	25.097	29.46	
77.	5.17	3	25.049	31.41	

6360 $9^m.3$ $2^s.8991$ $-0^s.0072$ $-19''.338$ $+0''.120$ 26°2429

86.	5. 6	7	13^h	1^m	$26^s.326$	26°	3′	$17''.79$	†

6361 9.0 2.8660 −0.0092 −19.331 +0.119 30°2367

81.	5. 7	3	13	1	42.297	30	6	56.45	Z.C. δ $57''.7$
81.	5.21	2			42.238			58.74	
81.	5.23	3			42.224			56.94	+.5′. B + 10″
85.	5. 9	7			42.189			58.61	
85.	5.15	7			42.308			56.84	
85.	5.21	5			42.202			57.82	
86.	5.18	7			42.152			58.46	
86.	5.20	5			42.156			57.67	

6362 9.0 2.8656 −0.0092 −19.331 +0.119 30°2368

85.	5. 8	5	13	1	45.462	30	8	20.04	
92.	5. 9	7			45.472			20.56	

6363 6.9 2.8807 −0.0082 −19.327 +0.121 28°2187

73.	4.16	3	13	1	54.652	28	13	33.19	d.p.?
74.	5. 6	2			54.707			34.53	
74.	5. 9	2			54.930			33.01	-1^m

6364 6.9 2.9018 −0.0069 −19.325 +0.121 25°2599

73.	5.12	3	13	2	0.823	25	29	52.48	
76.	5. 4	3			0.699			53.94	
76.	5. 5	3			0.751			51.30	

6365 8.0 2.8852 −0.0079 −19.324 +0.121 27°2219

73.	5. 6	3	13	2	3.451	27	36	49.45	Z.C. δ $48''.3$
74.	5.11	3			3.254			47.89	
76.	5.19	2			3.354			48.41	
77.	5. 8	1			3.127			47.38	

6366 9.5 2.8747 −0.0085 −19.321 +0.120 28°2188

73.	5.16	3	13	2	8.970	28	53	10.53	
80.	5.14	2			9.129			10.36	
86.	5.15	7			9.040			11.18	+5′ §

6367 9.0 2.8699 −0.0088 −19.321 +0.120 29°2372

84.	5.17	5	13	2	10.315	29	27	24.74	
92.	5. 7	7			10.553			23.88	

6368 8.1 2.8634 −0.0090 −19.309 +0.121 30°2371

81.	5.10	3	13	2	39.958	30	3	10.97	
85.	5.11	6			39.720			11.92	
89.	5.22	7			39.745			10.98	

6369 8.9 2.8779 −0.0082 −19.308 +0.122 28°2189

74.	5. 9	2	13	2	44 254	28	16	28.16	
83.	5. 7	3			44.064			31.09	
83.	5.24	3			44.212			29.28	

6370 9.5 2.8958 −0.0070 −19.302 +0 123 26°2430

73.	5.12	2	13	2	57.881	25	57	0.31	Z.C. δ $0''.5$
81.	5. 7	3			58.040			0.70	

6371 9.1 2.9018 −0.0067 −19.302 +0.123 25°2600

78.	5.10	3	13	2	58.677	25	9	38.64	
78.	5.11	3			58.853			38.45	

6372 8.5 2.8676 −0.0087 −19.296 +0.122 29°2373

76.	5.10	3	13	2	13.385	29	20	51.30	
76.	5.11	3			13.407			51.17	
76.	5.12	3			13.473			48.85	

6373 $9^m.0$ $2^s.9020$ $-0^s.0066$ $-19''.292$ $+0''.124$ 25°2602

76.	5. 6	1	13^h	3^m	$24^s.090$	24°	59′	$29''.51$	
79.	5.16	2			24.279			26.90	

6374 9.1 2.8983 −0.0067 −19.290 +0.124 25°2603

78.	5.11	3	13	3	28.428	25	26	59.49	
84.	5.13	4			28.545			59.33	
94.	4.26	7			28.599			60.67	
94.	4.28	7			28.465			57.90	
94.	5. 1	7			28.335			61.26	

6375 8.5 2.8640 −0.0086 −19.277 +0.123 29°2374

77.	5.19	3	13	3	59.673	29	28	16.97	Z.C. δ $15''.8$
84.	4.29	4			59.899			16.18	
84.	4.30	6			59.804			15.06	
84.	5. 5	4			59.670			15.37	
84.	5.17	5			59.820			15.48	

6376 9.3 2.8980 −0.0066 −19.275 +0.125 25°2604

78.	5. 4	3	13	4	7.084	25	15	60.75	
85.	5. 8	6			6.965			59.78	
85.	5. 9	5			6.962			61.18	

6377 8.5 2.8899 −0.0070 −19.270 +0.125 26°2431

76.	5. 8	2	13	4	19.062	26	13	22.11	
76.	5.15	3			19.132			22.31	
83.	5. 7	3			18.998			23.47	
84.	5.10	4			18.831			21.41	

6378 9.4 2.8869 −0.0072 −19.268 +0.125 26°2432

81.	5. 7	3	13	4	22.514	26	34	7.42	Z.C. δ $7''.5$
92.	5. 7	3			22.005			8.11	
94.	5. 4	7			21.877			7.00	

6379 8.3 2.8572 −0.0088 −19.267 +0.124 30°2372

85.	5.15	5	13	4	24.562	30	6	37.45	
85.	5.21	5			24.455			37.14	

6380 9.3 2.8836 −0.0074 −19.267 −0.125 27°2223

77.	5. 8	3	13	4	26.557	26	57	3.38	
81.	5.21	3			26.593			3.54	−1 int.
85.	5.23	6			26.735			3.70	

6381 8.6 2.8635 −0.0084 −19.257 +0.125 29°2375

84.	4.29	1	13	4	51.103	29	12	38.85	v. ft.
84.	4.30	2			50.977			38.43	
85.	5.11	6			50.912			39.04	
91.	5.12	7			50.985			40.65	
91.	5.13	6			51.067			38.70	

6382 8.8 2.8623 −0.0084 −19.256 +0.125 29°2376

84.	5.14	4	13	4	53.094	29	19	57.92	
84.	5.23	4			53.155			57.64	

6383 9.5 2.8595 −0.0086 −19.255 +0.125 29°2377

93.	4.24	7	13	4	55.245	29	39	10.50	
93.	4.27	7			54.855			10.75	

6384 8.4 2.8649 −0.0083 −19.255 +0.125 29°2378

84.	5.13	5	13	4	56.292	29	1	17.77	
84.	5.21	4			56.465			18.49	

6385	$8^{m}.2$	$2^{s}.8798$	$-0^{s}.0073$	$-19''.241$	$+0''.126$			27°2224
77.	5. 8	3	13^{h}	$5^{m}28^{s}.940$	27°	3′	$5''.95$	Z.C. α $28^{s}.96$
84.	5. 5	5		28.974			7.28	Z.C. δ $6''.6$
84.	5.26	4		28.963			6.45	
6386	9.2	2.8697	−0.0079	−19.241	+0.126			28°2192
81.	5. 7	2	13	5 29.549	28	14	50.04	Z.C. δ $51''.5$
87.	5.21	7		29.600			52.87	
6387	9.0	2.8932	−0.0066	−19.240	+0.127			25°2607
84.	5.17	5	13	5 31.621	25	24	33.20	
92.	5. 6	7		31.617			33.52	
6388	8.5	2.8585	−0.0085	−19.240	+0.126			29°2379
84.	5.14	4	13	5 32.734	29	32	2.66	
84.	5.30	4		32.558			1.01	
6389	9.2	2.8924	−0.0065	−19.230	+0.128			25°2609
85.	5. 8	5	13	5 55.201	25	22	21.17	
85.	5. 9	5		55.211			19.99	
6390		Fundamental Star						28°2193
6391	6.5	2.8955	−0.0062	−19.225	+0.128			25°2610
84.	5.13	4	13	6 7.112	24	55	26.82	
84.	5.26	3		7.129			27.21	
6392	8.8	2.8927	−0.0064	−19.225	+0.128			25°2611
84.	5.21	4	13	6 7.135	25	16	25.64	−1′
85.	5.15	5		7.367			26.14	
85.	5.21	5		7.198			25.45	
6393	9.3	2.8748	−0.0074	−19.221	+0.128			27°2226
85.	5.23	5	13	6 17.712	27	21	40.59	
92.	5.10	5		17.737			39.71	
6394	9.2	2.8828	−0.0068	−19.208	+0.129			26°2434
85.	5.11	6	13	6 48.525	26	15	12.02	
92.	5. 9	7		48.530			12.52	
6395	8.0	2.8718	−0.0074	−19.208	+0.129			27°2227
77.	5. 8	3	13	6 49.555	27	32	42.00	
84.	4.29	3		49.819			44.17	
84.	5.30	2		49.322			42.85	
6396	8.8	2.8676	−0.0076	−19.207	+0.129			28°2196
84.	5. 5	5	13	6 51.784	28	1	2.99	
84.	5.23	2		51.861			3.91	
6397	9.3	2.8536	−0.0084	−19.206	+0.128			29°2380
83.	5. 7	2	13	6 53.955	29	36	25.70	
92.	5. 7	7		53.957			25.15	
6398	8.9	2.8832	−0.0067	−19.201	+0.129			26°2435
83.	5.24	1	13	7 6.424	26	5	33.10	
84.	5.17	4		6.511			31.33	
84.	5.27	4		6.575			31.42	
6399	9.4	2.8554	−0.0082	−19.198	+0.128			29°2381
81.	5.10	2	13	7 12.704	29	17	56.17	Z.C. δ $56''.2$
92.	5.20	4		12.390			56.21	
6400	$9^{m}.3$	$2^{s}.8712$	$-0^{s}.0073$	$-19''.196$	$+0''.130$			27°2228
76.	5.19	2	13^{h}	$7^{m}18^{s}.345$	27°	27′	$16''.86$	
92.	5.14	7		18.422			17.75	
6401	9.0	2.8792	−0.0069	−19.192	+0.130			26°2437
76.	5.15	3	13	7 25.907	26	28	14.53	w. 7 + 20^{s}
84.	5.10	4		25.985			13.42	
84.	5.14	3		26.081			13.21	
6402	9.1	2.8647	−0.0076	−19.192	+0.129			28°2198
83.	5.22	2	13	7 26.459	28	9	18.35	
84.	5. 6	5		26.618			16.73	
84.	5.13	2		26.535			17.81	
6403	9.1	2.8573	−0.0081	−19.191	+0.129			29°2382
81.	5. 7	3	13	7 28.811	28	59	17.23	
91.	5.13	5		29.003			17.72	
6404	9.2	2.8781	−0.0068	−19.186	+0.130			26°2438
85.	5.15	6	13	7 40.750	26	30	55.58	
85.	5.21	5		40.722			54.90	
6405	7.4	2.8788	−0.0067	−19.181	+0.131			26°2439
73.	5.13	2	13	7 53.672	26	21	45.76	
80.	5.25	2		53.759			45.76	
85.	5. 8	7		53.575			44.07	
6406	9.2	2.8775	−0.0067	−19.168	+0.132			26°2440
81.	5. 7	3	13	8 23.353	26	20	34.77	Z.C. δ $33''.8$
81.	5.10	3		23.443			33.04	
81.	5.21	3		23.393			33.58	
6407	8.5	2.8437	−0.0083	−19.160	+0.130			30°2384
76.	5.10	3	13	8 41.730	30	3	51.49	
83.	5.23	3		41.843			53.61	
84.	4.29	3		42.011			53.41	ft.
6408	9.4	2.8612	−0.0074	−19.156	+0.132			28°2201
73.	5.16	3	13	8 51.910	28	3	58.20	
74.	5. 9	3		52.334			56.74	
6409	9.5	2.8624	−0.0074	−19.154	+0.132			28°2203
81.	5.20	3	13	8 54.912	27	55	31.34	
93.	4.24	7		54.710			33.60	
6410	9.3	2.8800	−0.0064	−19.152	+0.133			25°2615
76.	5. 6	3	13	8 59.312	25	52	35.03	
78.	5. 4	3		59.321			34.44	
78.	5.11	3		59.215			33.27	
6411	7.5	2.8466	−0.0080	−19.134	+0.132			29°2385
76.	5.11	3	13	9 41.500	29	24	11.48	
76.	5.12	3		41.545			10.05	
77.	5.19	3		41.513			12.68	
85.	5. 9	7		41.652			11.31	
6412	9.1	2.8404	−0.0082	−19.129	+0.133			30°2387
76.	5.10	3	13	9 53.341	30	0	29.83	
76.	5.11	2		53.254			28.81	
76.	5.12	3		53.389			27.73	
81.	5.21	3		53.400			28.63	

6413	$9^{m}.1$	$2^{s}.8724$	$-0^{s}.0066$	$-19''.121$	$+0''.134$	26°2443
73. 5.13	3	$13^{h}10^{m}11^{s}.801$	26° 22′ 32″.98			
76. 5.15	3	11.920	34.41			
81. 5.20	3	12.043	33.14			
6414	8.0	2.8701	−0.0067	−19.117	+0.135	26°2444
76. 5.15	3	13 10 20.478	26 34 57.27			
80. 5.22	3	20.649	56.98			
81. 5. 7	3	20.821	57.95			
83. 5.24	3	20.673	58.09			
6415	9.2	2.8850	−0.0059	−19.116	+0.135	24°2558
76. 5. 6	3	13 10 21.765	24 51 55.66			
78. 5. 4	3	22.089	55.77			
78. 5.10	3	21.978	54.97			
78. 5.11	3	22.083	53.61			
6416	8.3	2.8536	−0.0075	−19.116	+0.134	28°2205
73. 5.16	3	13 10 23.132	28 24 28.42			†
74. 5. 9	3	23.354	25.93			Z.C. Ep. 77.0
83. 5.22	3	23.096	24.44			
6417	8.2	2.8396	−0.0080	−19.098	+0.134	29°2386
76. 5.10	3	13 11 2.596	29 42 16.11			
77. 5.19	3	2.508	16.62			
80. 5.25	3	2.582	16.06			
85. 5.11	5	2.549	16.97			
85. 5.12	6	2.541	16.77			
89. 5.16	5	2.576	16.22			
6418	9.1	2.8557	−0.0071	−19.087	+0.136	27°2230
81. 5. 7	3	13 11 27.830	27 49 24.04			
81. 5.10	3	28.032	23.27			
81. 5.20	3	27.726	23.62			
6419	9.5	2.8797	−0.0059	−19.082	+0.137	25°2617
93. 4.24	2	13 11 38.674	25 5 24.18			
93. 4.27	7	38.109	24.44			
6420	9.3	2.8495	−0.0073	−19.074	+0.137	28°2206
73. 5.16	3	13 11 57.949	28 20 51.28			Z.C. δ 52″.5
80. 5.22	3	58.040	52.53			
81. 5.21	3	58.106	53.09			
83. 5.22	3	57.933	53.14			
6421	8.5	2.8515	−0.0072	−19.072	+0.137	28°2207
74. 5. 9	3	13 12 1.645	28 6 50.60			
85. 5. 9	7	1.591	51.04			
85. 5.15	7	1.720	51.14			
6422	9.0	2.8457	−0.0075	−19.071	+0.136	28°2208
74. 5. 9	1	13 12 3.586	28 43 26.24			Z.C. δ 27″.0
81. 5. 7	2	3.518	27.20			
85. 5.21	7	3.548	27.56			
6423	8.7	2.8446	−0.0075	−19.068	+0.136	28°2209
85. 5.23	7	13 12 9.538	28 48 14.18			
92. 5. 6	7	9.646	13.82			
6424	8.7	2.8614	−0.0067	−19.065	+0.138	27°2233
73. 5.13	3	13 12 17.882	26 57 7.61			
76. 5.19	3	17.699	5.78			
77. 5 8	3	17.727	6.37			
77. 5.17	3	17.724	8.00			
81. 5.20	2	17.648	6.74			

6425	$8^{m}.8$	$2^{s}.8406$	$-0^{s}.0076$	$-19''.058$	$+0''.137$	29°2389
76. 5.11	3	$13^{h}12^{m}32^{s}.745$	29° 6′ 47″.72			Z.C. δ 46″.2
76. 5.12	3	32.770	45.47			
77. 5.19	2	32.772	47.23			
81. 5.10	3	32.906	44.44			
6426	8.1	2.8596	−0.0066	−19.054	+0.138	27°2234
76. 5.19	3	13 12 40.406	27 1 25.64			
83. 5.22	1	40.413	25.58			
83. 5.31	3	40.441	24.73			
6427	8.8	2.8596	−0.0066	−19.050	+0.139	27°2235
73. 5.13	3	13 12 49.727	26 58 33.69			
77. 5.17	2	49.664	34.53			
80. 5.25	3	49.760	34.55			
81. 5.21	3	49.643	34.28			
83. 5.23	3	49.729	34.71			
6428	8.9	2.8425	−0.0074	−19.049	+0.138	28°2210
73. 5.16	2	13 12 51.294	28 48 38.42			
85. 5.12	5	51.072	37.65			
86. 5.20	7	51.113	37.49			
87. 5.10	7	51.212	37.08			
87. 5.21	5	51.170	38.32			
6429	9.1	2.8427	−0.0074	−19.049	+0.138	28°2211
73. 5.16	3	13 12 51.975	28 47 1.04			
85. 5.11	6	52.016	1.40			
89. 5.22	7	51.923	2.41			
6430	8.0	2.8748	−0.0058	−19.048	+0.140	25°2619
76. 5. 6	3	13 12 54.981	25 16 3.34			
78. 5. 4	3	54.990	4.16			
78. 5.10	3	54.988	2.84			
78. 5.11	3	54.813	2.33			
6431	9.0	2.8466	−0.0071	−19.043	+0.138	28°2212
80. 5.22	3	13 13 6.302	28 17 22.40			Z.C. δ 23″.1
83. 5.24	3	6.416	23.90			
83. 5.25	3	6.326	23.12			
6432	7.5	2.8377	−0.0076	−19.042	+0.138	29°2391
76. 5.10	3	13 13 8.295	29 13 19.33			
76. 5.11	3	8.375	19.27			
76. 5.12	3	8.500	17.73			
6433	9.1	2.8688	−0.0060	−19.034	+0.140	25°2620
76. 5. 6	3	13 13 24.675	25 47 11.44			
78. 5. 4	3	24.729	12.69			
78. 5.10	3	24.596	10.96			
78. 5.11	2	24.673	11.36			
6434	8.9	2.8523	−0.0068	−19.032	+0.139	27°2237
79. 5.19	3	13 13 29.128	27 33 41.08			
87. 5.14	7	29.135	41.18			+ 5′
87. 5.16	7	29.168	41.00			
87. 5.20	7	29.215	41.44			
6435	7.9	2.8394	−0.0073	−19.018	+0.139	28°2213
73. 5.16	2	13 13 59.955	28 45 40.21			
74. 5. 9	2	59.692	40.58			
80. 5.25	3	59.848	40.51			$+1^{s}$−5′
83. 5.23	3	59.841	40.94			
83. 5.31	3	59.915	39.36			

6436 $9^m.1$ $2^s.8420$ $-0^s.0071$ $-19''.005$ $+0''.140$ 28°2214

80. 5.22	3	$13^h 14^m 27^s.702$	28° 20′ $31''.71$	Z.C. α $27^s.96$
81. 5. 7	3	28.022	30.92	Z.C. δ $31''.2$
81. 5.10	3	28.123	30.92	
81. 5.11	3	28.008	31.38	

6437 8.7 2.8518 −0.0066 −19.004 +0.141 27°2238

76. 5.19	3	13 14 30.353	27 18 17.80	
77. 5. 8	3	30.295	17.40	ft.
81. 5.20	3	30.406	18.85	
85. 5.21	6	30.355	19.26	

6438 7.8 2.8698 −0.0057 −18.999 +0.142 25°2623

76. 5. 6	3	13 14 41.322	25 18 25.95	
78. 5. 4	3	41.423	26.41	
78. 5.10	3	41.419	24.69	
78. 5.11	3	41.443	24.04	
85. 5.23	5	41.409	24.61	

6439 9.3 2.8381 −0.0072 −18.995 +0.141 28°2215

80. 5.20	3	13 14 49.812	28 38 7.40	
83. 5.22	3	49.590	8.43	

6440 9.3 2.8475 −0.0066 −18.974 +0.142 27°2240

76. 5.19	3	13 15 32.923	27 27 15.40	$+1^m$
79. 5.19	3	33.213	14.84	
80. 5.22	3	33.140	14.42	
81. 5.21	3	33.176	14.22	
81. 5.23	3	32.997	15.90	

6441 9.1 2.8345 −0.0072 −18.973 +0.142 28°2218

73. 5.16	3	13 15 36.259	28 46 24.09	
74. 5. 9	3	36.303	22.63	
81. 5. 7	3	36.240	23.93	
81. 5.10	3	36.500	23.54	

6442 9.4 2.8256 −0.0075 −18.970 +0.142 29°2397

76. 5.10	3	13 15 41.890	29 38 2.03	v.ft.
76. 5.11	3	41.663	6.13	ex. ft.
77. 5.19	3	41.465	4.87	Z.C. δ $4''.3$
81. 5.11	3	42.063	3.39	
83. 5.23	3	42.041	5.29	

6443 7.5 2.8537 −0.0062 −18.961 +0.143 26°2450

73. 5.13	3	13 16 0.709	26 39 10.92	Z.C. δ $10''.1$
76. 5.15	3	0.617	10.23	
80. 5.25	3	0.703	9.93	
83. 5.31	3	0.772	9.48	

6444 6.8 2.8642 −0.0057 −18.960 +0.144 25°2625

76. 5. 6	3	13 16 2.861	25 32 16.62	w. $6-10^s$
78. 5. 4	3	2.915	17.75	
78. 5.10	3	2.780	15.62	
85. 5.29	7	2.754	16.51	

6445 8.7 2.8417 −0.0067 −18.953 +0.144 27°2243

76. 5.19	3	13 16 17.981	27 49 7.94	
79. 5.19	3	17.970	7.73	
85. 5.11	7	17.906	8.10	

6446 8.7 2.8462 −0.0065 −18.952 +0.144 27°2244

84. 5.27	7	13 16 20.247	27 20 37.44	
92. 5. 6	7	20.482	37.56	

6447 $9^m.1$ $2^s.8575$ $-0^s.0059$ $-18''.952$ $+0''.145$ 26°2451

76. 5.15	3	$13^h 16^m 21^s.172$	26° 10′ $6''.79$	$+1'$
81. 5.20	3	21.136	8.19	Z.C. δ $7''.6$
83. 5.22	3	21.183	7.77	$+1^m$
85. 5.23	6	21.055	7.69	$+1^m$

6448 9.0 2.8686 −0.0054 −18.951 +0.145 25°2626

78. 5.11	2	13 16 22.917	24 57 21.50	
79. 5.23	3	22.852	22.51	
80. 5.22	3	22.705	22.51	
83. 5.23	2	22.794	23.55	

6449 8.1 2.8478 −0.0064 −18.951 +0.144 27°2245

85. 5.21	7	13 16 23.087	27 10 23.56	
87. 5.21	7	23.161	23.16	
89. 5.22	7	23.053	24.43	

6450 8.9 2.8216 −0.0075 −18.946 +0.143 29°2400

76. 5.11	3	13 16 31.752	29 46 25.31	
76. 5.12	3	31.726	24.30	
77. 5.19	3	31.637	26.06	
83. 5.24	3	31.838	27.26	
87. 5.10	5	31.983	23.63	

6451 8.9 2.8668 −0.0054 −18.945 +0.145 25°2627

78. 5.10	2	13 16 35.557	25 5 47.82	
79. 5.23	2	35.420	47.87	
83. 5.25	3	35.487	48.82	
86. 5.28	7	35.321	48.48	

6452 7.7 2.8509 −0.0062 −18.943 +0.144 26°2452

80. 5.25	3	13 16 39.734	26 46 9.93	Z.C. δ $10''.0$
85. 5. 9	7	39.824	10.26	
85. 5.15	7	39.780	9.91	

6453 9.0 2.8270 −0.0072 −18.942 +0.144 29°2401

76. 5.12	2	13 16 41.143	29 10 29.38	
87. 5.14	7	41.245	28.40	

6454 8.6 2.8531 −0.0060 −18.940 +0.145 26°2453

81. 5.11	3	13 16 45.919	26 29 36.97	clds.
81. 5.21	3	45.839	37.51	Z.C. δ $37''.2$

6455 8.9 2.8331 −0.0069 −18.939 +0.144 28°2221

73. 5.16	3	13 16 46.415	28 33 21.83	
74 5. 9	3	46.513	19.72	
79. 5.21	3	46.560	22.05	
92. 5.18	7	46.360	21.41	
92. 5.20	7	46.529	20.88	

6456 9.2 2.8229 −0.0073 −18.935 +0.144 29°2402

76. 5.10	3	13 16 55.774	29 30 60.16	Z.C. δ $0''.5$
81. 5.10	2	56.128	59.30	
81. 5.20	3	55.782	62.02	

6457 8.8 2.8258 −0.0072 −18.930 +0.144 29°2403

76. 5.12	1	13 17 7.114	29 10 33.16	Z.C. δ $34''.1$
77. 5.19	1	6.931	36.24	
79. 5.27	1	7.239	34.36	
81. 5.23	3	6.983	34.55	
83. 5.25	3	7.062	33.89	
84. 4.30	4	7.031	32.31	

6458 8$^{\mathrm{m}}$8 2$^{\mathrm{s}}$8199 −0$^{\mathrm{s}}$0074 −18″927 +0″144 29°2404

83.	5.24	1	13$^{\mathrm{h}}$17$^{\mathrm{m}}$11$^{\mathrm{s}}$848	29° 43′ 44″64	
84.	4.30	1	11.487	41.94	
84.	5. 5	7	11.629	43.28	

6459 9.0 2.8463 −0.0062 −18.924 +0.145 27°2247

76.	5.19	3	13 17 18.358	27 3 17.02	
79.	5.19	3	18.407	17.04	
83.	5. 7	3	18.379	18.65	

6460 8.6 2.8165 −0.0074 −18.911 +0.145 29°2405

76.	5.11	3	13 17 45.842	29 52 56.50	†
81.	5.21	3	45.604	58.01	
83.	5.23	3	45.524	59.05	

6461 7.2 2.8531 −0.0058 −18.908 +0.147 26°2455

73.	5.13	3	13 17 51.129	26 12 2.91	Z.C. α 51$^{\mathrm{s}}$04
76.	5.15	3	51.051	3.23	
83.	5.22	3	50.992	2.17	−5′
85.	5.23	5	50.998	2.48	

6462 9.5 2.8517 −0.0058 −18.904 +0.147 26°2456

93.	4.27	5	13 18 1.027	26 18 24.33	
94.	4.28	2	0.795	25.42	v. ft.
94.	5. 1	3	0.699	25.65	v. ft.
94.	5. 4	7	0.719	22.84	

6463 9.5 2.8519 −0.0058 −18.895 +0.148 26°2457

73.	5.13	3	13 18 17.614	26 11 58.94	
92.	5. 7	6	17.787	56.14	
92.	5. 9	6	17.755	56.89	

6464 9.0 2.8598 −0.0053 −18.884 +0.149 25°2630

76.	5. 6	2	13 18 41.615	25 16 20.36	
78.	5. 4	3	41.738	21.00	
78.	5.11	3	41.716	18.93	
85.	5.29	4	41.580	20.19	

6465 9.5 2.8486 −0.0058 −18.880 +0.148 26°2458

83.	5.23	2	13 18 48.862	26 22 56.20	
92.	5. 6	7	48.956	53.00	

6466 9.3 2.8104 −0.0074 −18.878 +0.147 30°2395

81.	5. 7	3	13 18 53.012	30 7 28.10	Z.C. δ 28″9
81.	5.23	3	53.096	29.46	
85.	5.21	7	52.998	29.24	

6467 9.1 2.8566 −0.0054 −18.877 +0.149 25°2632

80.	5.25	3	13 18 55.034	25 32 28.97	
83.	5.22	3	54.821	29.76	

6468 9.5 2.8633 −0.0051 −18.874 +0.149 24°2577

78.	5. 4	1	13 18 58.174	24 50 16.25	
78.	5.10	3	58.128	14.65	v. ft.
80.	5.20	3	58.239	16.01	
80.	5.22	2	57.961	15.34	

6469 8.3 2.8249 −0.0067 −18.867 +0.148 28°2224

73.	5.16	3	13 19 14.368	28 37 56.37	
74.	5. 9	3	14.375	56.69	
79.	5.21	3	14.307	57.24	
86.	5.28	7	14.463	56.36	

6470 8$^{\mathrm{m}}$3 2$^{\mathrm{s}}$8487 −0$^{\mathrm{s}}$0057 −18″860 +0″149 26°2460

73.	5.13	3	13$^{\mathrm{h}}$19$^{\mathrm{m}}$29$^{\mathrm{s}}$003	26° 11′ 61″56	
76.	5.15	3	28.780	59.93	
83.	5.24	2	28.887	62.18	
85.	5. 9	7	28.808	60.66	

6471 8.7 2.8466 −0.0057 −18.853 +0.150 26°2461

76.	5.15	3	13 19 44.139	26 20 1.74	+1$^{\mathrm{m}}$
81.	5. 7	2	44.339	1.52	Z.C. δ 1″5
81.	5.20	3	44.271	1.27	

6472 9.0 2.8581 −0.0051 −18.848 +0.151 25°2633

76.	5. 6	3	13 19 54.478	25 6 43.82	
78.	5.10	3	54.707	43.98	
78.	5.11	2	54.491	42.83	
87.	5.14	3	54.809	43.93	
87.	5.21	7	54.812	44.01	

6473 9.3 2.8297 −0.0063 −18.837 +0.150 27°2251

76.	5.19	3	13 20 16.660	27 51 38.16	
79.	5.19	3	16.580	37.04	
80.	5.20	3	16.724	37.86	

6474 9.0 2.8538 −0.0053 −18.836 +0.151 25°2634

76.	5. 6	1	13 20 18.685	25 27 15.21	Z.C. δ 15″9
78.	5. 4	2	18.421	17.09	
79.	5.16	3	18.291	15.37	

6475 9.0 2.8187 −0.0067 −18.828 +0.150 28°2226

73.	5.16	3	13 20 33.256	28 50 54.59	
74.	5. 9	3	33.433	53.72	
79.	5.21	3	33.267	55.37	

6475$^{\mathrm{a}}$ 9.5 2.8570 −0.0050 −18.826 +0.152 25°2635

96.	5. 9	7	13 20 37.730	25 2 40.90	
96.	5.11	7	37.593	41.09	v. ft.

6476 8.4 2.8374 −0.0059 −18.815 +0.151 27°2252

73.	5.13	3	13 20 59.144	26 54 23.87	
76.	5.19	3	59.336	24.29	
79.	5.19	3	59.056	23.20	
80.	5.25	3	59.261	23.79	
81.	5.23	3	58.988	24.04	
85.	5.23	6	59.106	24.10	

6477 8 0 2 8091 −0.0069 −18.804 +0.151 29°2408

85.	5.15	6	13 21 20.603	29 31 23.88	
85.	5.21	6	20.519	24.00	
90.	5.17	7	20.723	25.18	

6478 8.5 2.8554 −0.0049 −18.798 +0.153 25°2637

79.	5.16	3	13 21 33.786	24 57 35.46	
79.	5.23	1	33.803	35.57	
83.	5.22	3	33.601	36.59	
83.	5.25	3	33.685	38.54	

6479 8.7 2.8483 −0.0052 −18.795 +0.153 25°2638

83.	5.23	3	13 21 37.973	25 39 30.23	
83.	5.24	3	38.002	30.94	
84.	5.13	7	37.975	29.69	

6480 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.8350$ $-0^{\mathrm{s}}.0058$ $-18''.794$ $+0''.152$ 27°2253

81. 5.20	3	$13^{\mathrm{h}}21^{\mathrm{m}}40^{\mathrm{s}}.402$	26° 57′ 60″.41	Z.C. δ 0″.5
81. 5.21	3	40.250	60.59	+ 1′
84. 5. 5	7	40.374	59.79	+ 1$^{\mathrm{m}}$
84. 5.17	3	40.336	61.04	

6481 8.4 2.8539 −0.0049 −18.790 +0.154 25°2639

81. 5.23	2	13 21 48.404	25 3 14.89	− 10$^{\mathrm{s}}$
84. 5. 6	7	48.647	13.51	Z.C. δ 14″.2

6482 7.8 2.8285 −0.0060 −18.783 +0.153 27°2255

79. 5.19	3	13 22 2 384	27 29 23.63	
80. 5.25	3	2.509	25.12	
83. 5.22	3	2.330	25.15	

6483 8.7 2.8110 −0.0066 −18.777 +0.152 29°2409

76. 5.10	3	13 22 14.105	29 5 45.29	
76. 5.11	3	14.126	45.69	
76. 5.12	2	14.050	44.57	
86. 5.28	7	14.167	44.58	

6484 9.4 2.8539 −0.0048 −18.767 +0.155 24°2586

78. 5.10	3	13 22 33.489	24 51 24.06	Z.C. δ 24″.2
80. 5.20	3	33.780	22.71	
80. 5.22	3	33.611	23.56	
83. 5. 7	3	33.607	26.63	

6485 9.5 2.8387 −0.0055 −18.767 +0.154 26°2464

73. 5 13	3	13 22 33.790	26 21 36.09	
92. 5. 6	7	34.016	34.92	

6486 8.4 2.8231 −0.0061 −18.766 +0.153 27°2257

81. 5.21	3	13 22 34.572	27 51 42.87	
85. 5.11	6	34.733	42.77	
85. 5.15	3	34.655	42.36	
85. 5.29	7	34.640	43.65	§
87. 5.14	4	34.776	42.41	

6487 8.2 2.8216 −0.0061 −18.766 +0.153 28°2228

73. 5.16	3	13 22 35.121	27 59 47.72	
74. 5. 9	3	35.299	46.99	
79. 5.21	3	35.229	47.15	

6488 8.1 2.8091 −0.0065 −18.759 +0.153 29°2410

76. 5.10	3	13 22 49.996	29 5 57.00	
76. 5.11	3	49.856	58.05	
76. 5.12	3	49.909	57.40	
87. 5.20	5	49.832	57.62	

6489 8.2 2.8104 −0.0065 −18.754 +0.153 29°2411

77. 5.19	3	13 22 59.362	28 56 3.68	
83. 5.23	3	59.435	2.31	
83. 5.24	3	59.565	2.81	
85. 5.23	6	59.521	2.60	

6490 9.0 2.8239 −0.0059 −18.751 +0.154 27°2258

79. 5.19	3	13 23 5.180	27 38 46.20	
92. 5. 7	7	5.075	46.42	

6491 9.2 2.7998 −0.0068 −18.747 +0.153 29°2412

80. 5.25	3	13 23 13.085	29 51 23.95	
83. 5.25	3	13.343	23.84	
87. 5.21	5	13.066	22.65	v. ft.

6492 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.8037$ $-0^{\mathrm{s}}.0066$ $-18''.740$ $+0''.154$ 29°2413

77. 5.19	3	$13^{\mathrm{h}}23^{\mathrm{m}}24^{\mathrm{s}}.933$	29° 26′ 14″.81	
84. 5.17	7	25.151	13.10	v. ft. w. 5 + 1$^{\mathrm{s}}$

6493 9.4 2.8030 −0.0067 −18.740 +0.154 29°2414

89. 5.16	7	13 23 25.414	29 30 18.63	
92. 5.14	4	25.706	17.27	

6494 9.4 2.8213 −0.0060 −18.738 +0.154 27°2260

81. 5.20	3	13 23 29.581	27 46 59.54	Z.C. δ 0″.2
84. 5.14	3	29.526	61.29	
85. 5.21	6	29.604	59.84	

6495 9.5 2.8482 −0.0049 −18.737 +0.156 25°2640

73. 5.12	3	13 23 31.778	25 10 36.18	− 1°
78. 5.10	3	31.930	36.03	
80. 5.20	2	32.153	36.64	
83. 5. 7	3	31.756	38.57	

6496 8.5 2.8142 −0.0061 −18.724 +0.155 28°2231

73. 5.16	3	13 23 56.527	28 19 17.91	
74. 5. 9	3	56.531	15.90	
79. 5.21	3	56.653	18.35	
83. 5.22	3	56.433	18.37	

6497 9.2 2.8034 −0.0065 −18.723 +0.155 29°2416

76. 5.11	2	13 23 58.676	29 17 34.53	Z.C. δ 34″.2
76. 5.12	2	58.650	33.70	
81. 5.23	3	58.961	34.33	

6498 9.5 2.7939 −0.0068 −18.716 +0.154 30°2404

89. 5.21	7	13 24 12.072	30 5 42.29	
89. 5.22	7	12.152	41.63	v. ft.

6499 8.4 2.8029 −0.0065 −18.708 +0.155 29°2417

74. 5. 1	3	13 24 27.208	29 12 49.65	
76. 5.10	3	27.116	49.73	
83. 5.23	3	27.196	50.88	

6500 8.7 2.8127 −0.0061 −18.705 +0.156 28°2232

73. 5.16	3	13 24 33.091	28 17 45.96	Z.C. δ 44″.7
74. 5. 9	3	33.067	44.60	
81. 5.21	3	32.905	44.84	
87. 5.10	7	32.986	43.41	

6501 8.2 2.8479 −0.0047 −18.695 +0.158 24°2592

78. 5. 4	3	13 24 51.643	24 52 45.36	
79. 5.16	3	51.721	45.16	
80. 5.25	3	51.819	44.80	

6502 7.8 2.8476 −0.0047 −18.693 +0.158 24°2593

78. 5. 4	3	13 24 56.623	24 52 58.16	
78. 5.11	3	56.567	56.79	
79. 5.16	2	56.572	58.32	
80. 5.25	2	56.719	57.22	
85. 5.23	6	56.607	57.22	
87. 5.20	5	56.586	57.81	

6503 9.4 2.8082 −0.0061 −18.692 +0.156 28°2233

74. 5. 9	2	13 24 57.986	28 36 8.90	
80. 5.22	3	58.069	10.90	
83. 5. 7	3	58.141	11.47	− 1′

6504 6^{m}8 2^{s}8246 −0^{s}0055 −18$''$686 +0$''$157 27°2262

74.	5.11	3	13^{h}25^m 8^{s}077	27° 2′ 3$''$99	
76.	5.19	3	7.956	7.18	
79.	5.19	3	8.158	6.39	
86.	5.28	5	8.099	7.35	

6505 9.3 2.8106 −0.0060 −18.684 +0.157 28°2234

73.	5.16	2	13 25 13.315	28 18 39.81	
92.	5. 6	3	13.600	40.88	

6506 9.2 2.7992 −0.0064 −18.679 +0.157 29°2419

77.	5.19	3	13 25 22.141	29 18 16.50	−15′
83.	5.22	3	22.146	15.53	Z.C. α 22^{s}18
83.	5.24	3	22.155	14.91	Z.C. δ 14$''$8
85.	5.15	6	22.254	13.70	
85.	5.21	5	22.190	13.51	

6507 8.8 2.7956 −0.0065 −18.677 +0.157 29°2421

76.	5.10	3	13 25 26.631	29 35 58.40	Z.C. δ 58$''$0
81.	5.20	3	26.704	57.75	
83.	5.25	3	26.658	57.91	

6508 9.4 2.8431 −0.0047 −18.676 +0.159 25°2642

73.	5.12	3	13 25 27.431	25 11 44.91	−1°
84.	5.10	6	27.290	45.25	−4°
84.	5.13	5	27.501	43.77	
84.	5.14	3	27.319	44.58	

6509 9.1 2.8137 −0.0058 −18.668 +0.158 28°2235

84.	5.27	7	13 25 43.528	27 54 2.83	
87.	5.14	5	43.784	3.81	

6510 7.5 2.8200 −0.0055 −18.660 +0.159 27°2264

74.	5.11	3	13 25 57.686	27 14 41.80	
76.	5.19	3	57.675	43.97	
79.	5.19	3	57.783	44.26	
87.	5.21	7	57.895	43.98	

6511 8.5 2.7973 −0.0063 −18.651 +0.158 29°2423

74.	5. 1	3	13 26 14.128	29 13 41.50	Z.C. δ 43$''$0
76.	5.11	3	14.120	44.44	
81.	5.21	3	14.074	43.13	

6512 9.2 2.8260 −0.0051 −18.637 +0.160 26°2466

73.	5.13	3	13 26 41.579	26 29 39.20	
76.	5.15	3	41.451	39.30	
80.	5.20	3	41.694	39.06	
80.	5.22	3	41.426	39.08	
83.	5.25	3	41.587	39.52	

6513 9.0 2.8026 −0.0059 −18.631 +0.159 28°2236

81.	5.20	3	13 26 52.380	28 36 9.89	− 1 int.
81.	5.21	3	52.228	9.76	
81.	5.23	3	52.314	9.48	
85.	5.29	6	52.200	9.08	
85.	5.23	5	52.380	9.17	

6514 6.0 2.8415 −0.0045 −18.631 +0.161 25°2643

78.	5. 4	3	13 26 53.028	24 59 48.88	Z.C. δ 47$''$3
79.	5.16	3	52.722	48.04	
79.	5.23	3	52.884	46.94	
79.	5.30	3	52.772	46.78	
86.	5.28	5	52.834	46.05	

6515 8^{m}9 2^{s}8194 −0^{s}0053 −18$''$623 +0$''$160 27°2265

74.	5.11	3	13^{h}27^m 6^{s}517	27° 0′ 45$''$51	
76.	5.19	3	6.447	47.18	
79.	5.19	3	6.555	46.98	
83.	5.24	3	6.559	48.85	
86.	5.20	7	6.433	47.46	
90.	5.17	7	6.607	46.46	

6516 9.1 2.8412 −0.0045 −18.622 +0.161 25°2644

85.	5.15	5	13 27 8.515	24 57 54.38	
85.	5.21	5	8.423	54.22	
87.	5.20	5	8.454	54.61	

6517 8.5 2.8243 −0.0051 −18.618 +0.161 26°2468

73.	5.13	3	13 27 15.754	26 31 23.21	
76.	5.15	3	15.603	23.86	
83.	5.22	3	15.584	24.17	
83.	5.23	3	15.604	24.37	

6518 9 2 2.8209 −0.0052 −18.610 +0.161 26°2469

80.	5.20	3	13 27 31.155	26 45 32.48	
84.	5. 5	7	30.827	33.41	
84.	5.10	7	30.725	34.03	+ 1^m

6519 8.3 2.8069 −0.0056 −18.604 +0.161 28°2237

73.	5.16	3	13 27 41.995	27 59 40.30	
74.	5. 9	3	42.222	38.47	
79.	5.21	3	41.976	39.49	
81.	5.21	2	42.065	39.14	
81.	5 23	3	42.080	39.25	
86.	5.27	7	42.059	39.45	
87.	5.10	7	42.079	39.50	
87.	5.14	7	42.145	39.08	

6520 8.8 2.8053 −0.0056 −18.597 +0.161 28°2238

74.	5. 9	2	13 27 55.057	28 5 32.70	
79.	5.21	2	54.862	34.03	
80.	5.22	3	54.894	33.42	
80.	5.25	3	54.747	34.20	d.n.p.

6521 9.5 2.7911 −0.0061 −18.583 +0.161 29°2428

83.	5.22	2	13 28 20.889	29 12 50.65	†

6522 9.5 2.8393 −0.0043 −18.580 +0.164 24°2598

73.	5.12	3	13 28 25.301	24 50 49.27	
78.	5. 4	3	25.274	51.41	+ 5^s
83.	5. 7	3	25.532	51.36	

6523 9.3 2.7916 −0.0060 −18.577 +0.161 29°2430

74.	5. 1	3	13 28 30.211	29 8 19.27	
76.	5.10	3	30.220	16.55	ex. ft.
77.	5.19	3	30.072	19.44	
83.	5.23	3	30.542	19.07	

6524 7.9 2.8166 −0.0052 −18.576 +0.163 27°2268 A

76.	5.19	3	13 28 32.037	26 55 2.57	
79.	5.19	3	32.093	1.54	
83.	5.24	3	32.286	3.35	

6525 8.0 2.8166 −0.0052 −18.576 +0.163 27°2268 B

76.	5.19	1	13 28 32.487	26 55 5.49	
92.	5. 6	7	32.938	7.02	

6526	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.8312$	$-0^{\mathrm{s}}.0046$	$-18''.574$	$+0''.163$	25°2648
85.	5.15	3	$13^{\mathrm{h}}28^{\mathrm{m}}36^{\mathrm{s}}.537$	25° 33′ 33″.57		
85.	5.21	5	36.352	33.55		
88.	5. 8	7	36.488	32.31	§	
6527	8.3	2.7865	−0.0061	−18.566	+0.161	29°2431
76.	5.10	2	13 28 51.499	29 28 37.98		
76.	5.11	3	51.610	38.32		
76.	5.12	3	51.553	37.82		
86.	5.28	7	51.526	38.19		
6528	8.0	2.8014	−0.0057	−18.561	+0.163	28°2241
73.	5.16	3	13 28 59.807	28 9 0.18		
81.	5.23	3	59.679	0.59		
87.	5.20	7	59.780	0.72		
6529	8.5	2.8307	−0.0045	−18.552	+0.165	25°2649
73.	5.12	3	13 29 16.201	25 26 44.81		
78.	5. 4	3	16.253	46.33		
78.	5.10	3	16.122	44.36		
78.	5.10	2	16.312	44.34		
79.	5.30	3	16.074	45.09		
81.	5.20	3	16.244	45.43		
84.	5. 6	7	16.208	44.53		
84.	5.10	5	16.145	45.53		
6530	8.5	2.7811	−0.0062	−18.545	+0.162	29°2432
74.	5. 1	3	13 29 29.324	29 46 31.23		
76.	5.11	3	29.007	31.33	+1′	
76.	5.12	3	28.910	31.03		
77.	5.19	3	29.019	32.14		
6531	9.1	2.8084	−0.0052	−18.538	+0.164	27°2269
74.	5.11	3	13 29 41.202	27 21 22.19		
78.	5.18	2	41.000	22.91	-1^{m}	
78.	5.21	3	40.945	23.20		
84.	5. 5	7	41.160	22.78		
84.	5.13	7	41.101	22.92		
84.	5.14	7	41.129	22.70		
6532	9.3	2.7940	−0.0058	−18.532	+0.164	28°2242
73.	5.16	3	13 29 53.091	28 34 20.04	+5′	
74.	5. 9	3	52.991	18.37		
79.	5.21	3	53.118	19.98	v. ft.	
80.	5.22	3	52.961	19.65		
80.	5.25	3	53.044	18.91		
6533	9.3	2.8121	−0.0050	−18.516	+0.165	26°2472
74.	5.11	2	13 30 20.093	26 52 6.36		
92.	5. 6	4	20.381	6.54		
6534	8.2	2.8147	−0.0048	−18.499	+0.166	26°2473
73.	5.13	3	13 30 51.813	26 31 1.82		
76.	5.15	3	51.713	3.50	w. 3 changed	
80.	5.25	3	51.941	1.70	[from 30^{s} to 13^{s}	
85.	5.23	7	51.852	1.53		
6535	8.9	2.7810	−0.0060	−18.498	+0.165	29°2435
74.	5. 1	3	13 30 53.250	29 24 53.24	Z.C. δ 53″.0	
76.	5.10	3	53.172	51.87		
76.	5.12	3	53.225	53.03		
81.	5.23	3	53.340	53.90		

6536	$9^{\mathrm{m}}.3$	$2^{\mathrm{s}}.7879$	$-0^{\mathrm{s}}.0057$	$-18''.495$	$+0''.165$	28°2243
73.	5.16	3	$13^{\mathrm{h}}30^{\mathrm{m}}57^{\mathrm{s}}.661$	28° 48′ 48″.89	Z.C. δ 48″.7	
74.	5. 9	2	57.618	47.63		
80.	5.20	3	57.786	48.73		
80.	5.22	3	57.799	49.68		
6537	7.9	2.7901	−0.0056	−18.491	+0.165	28°2244
79.	5.21	3	13 31 6.072	28 36 7.10		
83.	5.22	3	6.137	6.62		
83.	5.23	3	5.955	7.14		
6538	6.0	2.8281	−0.0043	−18.491	+0.167	25°2652
78.	5. 4	3	13 31 6.131	25 15 7.30	Z.C. δ 5″.9	
78.	5.11	3	6.212	5.02		
79.	5.16	3	6.175	5.70		
86.	5.20	7	6.204	5.68		
6539	8.6	2.7835	−0.0058	−18.488	+0.165	29°2436
74.	5. 1	1	13 31 10.689	29 7 55.40	Z.C. δ 55″.8	
77.	5.19	3	10.624	56.35		
81.	5.21	3	10.687	55.40		
83.	5.24	3	10.675	56.17		
6540	9.0	2.8102	−0.0049	−18.480	+0.167	26°2474
73.	5.13	3	13 31 24.957	26 46 45.17		
76.	5.15	3	24.761	46.03		
83.	5.23	3	24.787	45.73		
6541	9.5	2.7810	−0.0058	−18.477	+0.165	29°2439
81.	5.20	3	13 31 30.161	29 15 55.02	Z.C. δ 55″.7	
85.	5.15	7	30.068	56.24		
85.	5.21	7	30.049	55.90		
6542	8.9	2.8219	−0.0044	−18.477	+0.168	25°2655
73.	5.12	3	13 31 30.502	25 42 52.70		
79.	5.23	3	30.267	51.55		
79.	5.30	3	30.203	52.04		
87.	5.14	7	30.400	52.63		
6543	9.2	2.8258	−0.0043	−18.476	+0.168	25°2656
78.	5.10	3	13 31 31.224	25 22 2.72		
79.	5.16	3	31.352	3.54		
80.	5.20	3	31.378	2.68		
6544	9.4	2.8077	−0.0049	−18.466	+0.168	27°2272
74.	5.11	3	13 31 49.306	26 54 13.03	Z.C. δ 14″.4	
76.	5.19	1	49.178	15.79	$+5^{\mathrm{s}}$	
78.	5.18	3	49.184	14.95		
81.	5.21	3	49.321	13.50		
81.	5.23	3	49.383	14.46		
86.	5.27	5	49.165	14.41		
6545	9.4	2.7832	−0.0057	−18.460	+0.166	29°2440
76.	5.11	3	13 32 0.529	28 57 33.38		
76.	5.12	3	0.551	30.75		
77.	5.19	2	0.686	32.76	-1^{m}	
80.	5.22	3	0.689	31.20		
80.	5.25	3	0.762	31.53		
6546	8.2	2.8008	−0.0051	−18.458	+0.168	27°2273
78.	5.18	3	13 32 3.567	27 26 33.85		
78.	5.21	3	3.422	33.72		
79.	5.19	3	3.555	32.79		
86.	5.28	7	3.590	34.38		

6547 9^{m}2 2^{s}7999 −0^{s}0051 −18″451 +0″168 27°2274

78. 5.21	3	13^{h}32^{m}16^{s}315	27° 28′ 37″05	
79. 5.19	3	16.289	36.33	
83. 5.22	3	16.046	37.46	

6548 9.0 2.7674 −0.0061 −18.442 +0.167 30°2430

84. 5. 5	5	13 32 31.366	30 7 41.83	
84. 5.10	4	31.434	43.29	
84. 5.14	7	31.632	42.29	

6549 8.0 2.7938 −0.0052 −18.441 +0.168 28°2245

73. 5.16	3	13 32 32.934	27 55 25.70	
74. 5. 9	3	32.978	23.76	§
79. 5.21	3	32.986	25.50	

6550 9.0 2.7686 −0.0060 −18.437 +0.167 30°2431

84. 5. 6	7	13 32 39.706	30 0 19.28	+3^m
84. 5.13	5	39.455	19.39	
84. 5.17	7	39.421	20.92	

6551 9.5 2.7693 −0.0060 −18.429 +0.167 29°2441

76. 5.10	1	13 32 54.311	29 52 49.64	ex. ft.
81. 5.20	3	54.683	49.72	
83. 5. 7	3	54.505	48.59	

6552 7.7 2.8274 −0.0040 −18.426 +0.171 24°2611

79. 5.16	3	13 33 0.238	24 53 9.01	
79. 5.23	3	0.218	8.14	
79. 5.30	3	0.192	8.33	
87. 5.20	7	0.209	9.38	

6553 7.0 2.8286 −0.0039 −18.424 +0.171 24°2612

73. 5.12	3	13 33 3.787	24 46 5.01	
79. 5.23	2	3.754	4.84	
83. 5.23	3	3.640	6.54	

6554 9.1 2.7707 −0.0058 −18.415 +0.168 29°2443

74. 5. 1	3	13 33 18.211	29 39 47.66	
76. 5.10	1	18.073	46.53	
76. 5.11	2	18.154	47.83	
89. 5.21	7	18.247	47.47	

6555 9.0 2.7999 −0.0048 −18.411 +0.170 27°2275

74. 5.11	3	13 33 25.188	27 11 40.68	
76. 5.19	3	25.226	40.08	
78. 5.21	3	25.234	40.68	
87. 5.21	5	25.238	39.44	

6556 7.2 2.7979 −0.0049 −18.405 +0.170 27°2276

79. 5.19	3	13 33 35.944	27 19 18.12	
80. 5.25	3	35.910	17.23	
83. 5.24	3	35.815	17.76	

6557 9.0 2.8221 −0.0040 −18.395 +0.172 25°2658

73. 5.12	3	13 33 54.024	25 9 47.96	
73. 5.24	3	53.686	47.70	
78. 5.10	3	53.674	48.28	
89. 5.16	6	53.682	47.05	

6558 9^{m}0 2^{s}7766 −0^{s}0055 −18″387 +0″169 29°2444

74. 5. 1	2	13^{h}34^m 7^{s}059	28° 58′ 59″84	−5′
76. 5.12	3	7.023	58.23	Z.C.α 7^{s}10
77. 5.19	2	7.015	60.22	
79. 5.27	3	7.194	57.62	
80. 5.20	3	7.145	59.52	
80 5.22	3	7.110	59.86	
81. 5.21	3	7.016	59.45	
81. 5.23	3	7.251	59.60	

6559 8.0 2.8053 −0.0045 −18.385 +0.171 26°2481

73. 5.13	3	13 34 10.297	26 33 38.46	+25′
76. 5.15	3	10.256	37.79	
80 5.25	3	10.481	38.50	
86. 5.29	7	10.251	37.76	

6560 9.0 2.7987 −0.0047 −18.383 +0.171 27°2277

73. 5.15	1	13 34 13.617	27 6 51.45	
74. 5.11	3	13.437	47.84	

6561 9.3 2.7729 −0.0056 −18.383 +0.169 29°2445

83. 5.22	3	13 34 14.200	29 15 23.12	
83. 5.24	3	14.428	23.20	
85. 5.15	6	14.576	21.95	

6562 8.2 2.7670 −0.0057 −18.373 +0.170 29°2446

76. 5.11	2	13 34 30.655	29 39 43.11	
76. 5.12	2	30.628	42.84	
85. 5.29	6	30.655	43.62	

6563 9.1 2.8050 −0.0044 −18.368 +0.172 26°2482

81. 5.20	3	13 34 39.217	26 29 2.71	Z.C. δ 2″9
84 5. 5	5	39.210	2.47	
84. 5.14	7	39.366	3.64	

6564 6.5 2.7779 −0.0053 −18.360 +0.171 28°2248

73 5.16	3	13 34 52.811	28 41 55.19	
74. 5. 9	3	53.071	54.17	
83. 5.23	3	52.898	54.53	
85. 5.21	7	52.868	53.99	
85. 6. 3	7	52.931	53.45	

6565 9.1 2.7805 −0.0052 −18.360 +0.171 28°2249

73. 5.16	2	13 34 53.110	28 28 32.51	
74. 5. 9	2	53.078	30.11	
79. 5.21	2	53.073	34.13	
83. 5.22	3	52.810	32.49	
86. 5.27	7	53.008	31.17	
86. 5.28	7	53.008	32.39	

6566 9.4 2.8174 −0.0040 −18.351 +0.173 25°2660

73. 5.12	3	13 35 7.700	25 17 53.90	
73. 5.24	3	7.820	55.20	
80. 5.20	3	7.874	52.92	
83. 5.25	3	7.949	53.95	

6567 9.0 2.8020 −0.0044 −18.348 +0.173 26°2483

73. 5.13	3	13 35 12.863	26 35 55.16	
76. 5.15	3	12.855	55.11	
80. 5.22	3	12.730	55.52	
81. 5.23	3	12.973	56.21	−10^s
83. 5.23	2	12.599	56.40	−1′
92. 5. 6	7	12.934	56.72	

6568	9^{m}5	2^{s}8019	−0^{s}0044	−18$''$347	+0$''$173	— —
73.	5.13	2	13^{h}35^{m}15^{s}702		26° 36′ 6″91	†
6569	9.2	2.7685	−0.0055	−18.343	+0 171	29°2447
84.	5.10	4	13 35 22.201		29 20 33.45	Z.C. α 22^{s}45
84	5.13	7	22 706		33 68	
6570	9.1	2 7698	−0.0053	−18.320	+0.172	29°2448
74.	5. 1	3	13 36 0 240		29 5 14.48	
76.	5.10	2	0.191		12.79	
76.	5.11	3	0.423		14.07	
79.	5.27	3	0.305		13.43	
80.	5.25	3	0.390		14 29	
83	5.24	3	0.307		14.59	
87.	5.21	5	0.552		13.28	
6571	9.4	2 7659	−0.0055	−18.320	+0.172	29°2449
81.	5.21	3	13 36 1.142		29 23 53.65	Z.C. δ 52″8
81.	5.23	2	0.999		52 94	
84.	5.17	4	1.045		52.62	
84	5 23	4	1 254		51.95	ex. ft.
6572	9.1	2.8035	−0.0043	−18.313	+0.174	26°2486
84.	5.27	7	13 36 12.632		26 15 2.95	
85	5.15	6	12.723		2.07	
85.	5.23	6	12.677		2.42	
85.	5.29	5	12.527		3 43	
6573	9.0	2.8196	−0 0037	−18.306	+0.175	24°2622
73.	5.12	3	13 36 25.048		24 50 26.57	
73.	5.24	3	24.985		24.80	
79.	5.16	3	24.952		26.14	
85.	6. 1	7	24.972		25.77	
6573^a	neb	2.7695	−0.0053	−18.305	+0.173	29°2450
96.	4.10	5	13 36 26.044		29 0 29.44	
96.	4.29	5	24 588		40.38	bad: dis-
96.	4.30	7	25.274		30.44	[appeared
96.	5. 4	7	26.156		45.52	
96.	5. 9	7	25.698		32.10	
96.	5.11	7	26.019		47.62	
Globular cluster Messier 3. Note:—large, diffused, no nucleus						
6574	8.8	2.7751	−0.0050	−18.298	+0.173	28°2250
79.	5.21	3	13 36 38.021		28 30 22.26	
83.	5.23	3	37.845		23.62	
89	5.16	7	37.902		23.82	
6575	8.3	2.7709	−0.0052	−18.295	+0.173	28°2251
74.	5. 9	3	13 36 42.348		28 50 2.58	
83.	5.22	3	42.368		4.33	
83.	5.25	3	42.340		3.99	
6576	8.9	2.7821	−0.0048	−18.292	+0.174	28°2252
80.	5.22	3	13 36 48.155		27 54 7.28	
84.	5. 5	7	48.272		6.62	
84.	5.10	5	48.190		7.32	+ 1^m
84	5.14	5	48.290		7.92	
6577	8.5	2.7787	−0.0048	−18.277	+0.174	28°2253
73.	5.16	3	13 37 12.585		28 5 0.64	
80.	5.25	3	12.695		0.33	
86.	5.29	7	12.562		0.70	
6578	8^{m}5	2^{s}8153	−0^{s}0037	−18$''$270	+0$''$177	25°2666
73.	5 12	3	13^{h}37^{m}25^{s}235		24° 59′ 25″95	
73.	5.24	3	25.230		25 27	
79.	5.23	3	25 345		25.86	
87.	5.20	7	25.228		25.80	
6579	9.0	2 8083	−0.0038	−18.264	+0 177	25°2669
79.	5.16	3	13 37 34.101		25 32 59 56	
79.	5.23	2	34.090		56.82	
83.	5.22	3	34.103		60.23	
6580	8.9	2 7514	−0.0056	−18.260	+0.174	30°2441
84	5. 6	7	13 37 41.045		30 8 4.90	
84.	5 13	5	40.849		7.08	
84.	5.17	4	40.777		7.76	
6581	9.1	2.8083	−0.0037	−18 241	+0.178	25°2672
84.	5. 5	3	13 38 13.062		25 24 48.91	
84	5.14	4	13.506		48.97	
85	5.23	6	13.162		48.98	
6582	8.5	2.8020	−0.0039	−18.236	+0.178	26°2488
73	5.13	3	13 38 20.655		25 54 49 21	
76.	5.15	3	20.522		48.44	
84.	5.23	4	20.583		49.42	
85	5.15	6	20.671		47 87	
85.	5.21	6	20 667		49.13	
6583	7.0	2 7736	−0.0048	−18.234	+0.176	28°2254
73.	5.16	3	13 38 24.269		28 12 53.80	
84.	5.10	5	24.198		53.91	
84.	5.21	7	24.178		53.04	
85.	6. 3	6	24.314		52.73	
6584	8.1	2.7548	−0.0053	−18.220	+0.176	29°2454
73.	5.23	3	13 38 46.784		29 36 20.48	
76.	5.10	3	46.651		18.48	
76.	5.12	3	46.724		20.57	
87.	5.21	5	46.691		19.20	
6585	9.0	2.8081	−0.0036	−18.211	+0.179	25°2674
73.	5.24	3	13 39 1.396		25 16 10.24	
85.	5.29	7	1.439		9.68	
6586	9.3	2.7530	−0.0052	−18.205	+0.176	29°2455
84.	5.13	4	13 39 12.472		29 39 13.86	
84.	5.27	4	12.303		13.29	
89.	5.16	7	12.249		13.70	
6587	9.1	2.7648	−0.0049	−18.198	+0.177	28°2256
79.	5.21	3	13 39 22.204		28 41 23.45	
86.	5.20	5	22.237		22.28	
86.	5.27	5	22.364		22.76	
6588	9.0	2.7632	−0.0049	−18.198	+0.177	28°2257
73.	5.16	3	13 39 22.354		28 48 59.06	
84.	5.17	4	22.408		59.96	
84.	5.26	4	22.512		59.03	
6589	9.5	2.8097	−0.0035	−18.173	+0.181	25°2676
93.	4.27	5	13 40 3.259		24 54 41.56	
93.	5. 5	7	3.555		36.69	ft.
94.	4.28	6	2.968		38.05	
94.	5. 4	5	3.187		38.16	

6590	$8^{m}.0$	$2^{s}.7734$	$-0^{s}.0045$	$-18''.172$	$+0''.179$	27°2285	
79.	5.19	3	$13^{h}40^{m}$	$6^{s}.087$	27° 51′	$10''.31$	
84.	5. 6	7		6.009		9.15	
84.	5.10	5		5.958		10.61	
84.	5 21	5		6.142		10.06	
84.	5.23	3		5 881		10.13	
6591	9.5	2.8099	−0.0035	−18.164	+0.181	24°2631	
85.	5.21	1	13 40	17.802	24 50	53.06	
93.	5.18	7		17.701		55.06	
6592	9.2	2.7806	−0.0042	−18 157	+0.180	27°2287	
84.	5.14	5	13 40	29 193	27 12	12.16	
85.	5.23	6		29.364		11.70	
6593	9.0	2.8100	−0.0034	−18.154	+0.182	24°2635	
84.	5.13	4	13 40	34.077	24 46	57.83	
84.	5.27	5		34 026		58.36	
6594	7 9	2.7725	−0.0045	−18.154	+0.180	27°2288	
84.	5.30	3	13 40	34.148	27 49	10.78	
85.	6. 3	5		34.065		9.73	
6595	9.5	2.7635	−0.0047	−18.154	+0.179	28°2258	
73.	5.16	3	13 40	34.357	28 32	10.29	
93	5. 8	6		33 962		7.71	
6596	9.5	2.7956	−0.0038	−18.148	+0.182	26°2493	
93.	5 6	5	13 40	45.365	25 55	42.68	§
93.	5.13	6		44.817		44.27	
95.	5. 7	7		44.521		43.78	
95.	5.10	7		44.805		41.58	
6597	8.1	2.7623	−0.0047	−18.144	+0.179	28°2259	
73.	5.16	2	13 40	49.823	28 34	7.77	
79.	5.21	3		49.683		7.06	
79.	5.29	3		50.063		6.13	$+1^{m}$
84.	5.26	5		49.801		6.16	
6598	9 5	2.7693	−0.0045	−18.141	+0.180	28°2260	
86.	5.20	4	13 40	54.715	27 59	51.76	
86.	5.27	3		54.762		49.92	
6599	6.0	2.7903	−0.0039	−18.141	+0.182	26°2494	
84.	5. 5	5	13 40	54.962	26 19	47.80	
84.	5.17	4		54.893		48.58	
84.	5.23	4		54.997		47.06	
6600	8.3	2.8070	−0.0032	−18 099	+0.184	24°2637	
84.	5. 6	5	13.42	2.772	24 44	16.50	
84.	5.14	4		2.725		17.06	
84.	5.27	4		2.474		17.56	
84.	5.30	3		2 597		16.90	
6601	8.8	2.7766	−0.0041	−18.090	+0.183	27°2293	
84.	5.10	4	13 42	16 504	27 8	19.79	
84.	5.21	7		16.457		19.17	
85.	5.23	7		16.555		19.37	
6602	8.8	2.8021	−0 0032	−18.070	+0.185	25°2681	
73.	5.24	2	13 42	48.905	24 58	57.20	
84.	5.26	5		48.836		56.93	
85	5.21	6		48.747		56.68	A − 10″

6603	$8^{m}.8$	$2^{s}.7919$	$-0^{s}.0035$	$-18''.070$	$+0''.184$	25°2680	
84.	5.13	7	$13^{h}42^{m}$	$49^{s}.430$	25° 48′	$11''.38$	
84.	5.23	4		49.336		10.78	
85.	6. 3	5		49.250		11.41	
6604	9.1	2.7722	−0.0041	−18.069	+0.183	27°2294	
84	5.17	4	13 42	50.975	27 21	0.34	
84.	5.30	5		50.817		0.03	
6605	6.8	2.7569	−0.0045	−18.062	+0.183	28°2262	
79.	5.21	3	13 43	1.123	28 30	17 67	
79.	5 29	3		1.180		17.00	
84.	5.27	3		1.169		17.44	
6606	9.4	2 7550	−0.0045	−18.053	+0.183	28°2263	
73.	5.16	3	13 43	15.641	28 35	11 24	
85.	5 29	7		15.885		10.31	v. ft.
6607	7.0	2.7675	−0.0041	−18.049	+0.184	27°2296	
84.	5. 5	7	13 43	22.320	27 36	16 64	
84.	5. 6	4		22.349		16.13	
84.	5.10	5		22.141		17.17	c. d. m.
84.	5.14	4		22 229		17 09	
6608	9.5	2.8019	−0.0031	−18.047	+0.186	24°2645	
85.	5.15	7	13 43	25.213	24 52	51.25	
87.	5 21	6		25.267		51.58	v. ft.
6609	9.1	2.7736	−0.0039	−18.035	+0.185	27°2298	
74.	5.11	2	13 43	44.512	27 3	27.50	
76.	5.19	3		44.362		28.61	
83.	5.22	3		44.353		28.17	
84.	5 26	3		44.375		27.03	
6610	8.6	2.7581	−0.0043	−18.024	+0.184	28°2265	
73.	5.16	3	13 44	0.773	28 11	25.75	
79.	5.21	3		0.839		25.45	
79.	5.29	3		0.924		25.70	
6611	9.0	2.7373	−0.0048	−18.015	+0.182	29°2459	
74.	5. 1	3	13 44	14 122	29 42	7.75	
76.	5.11	3		14.400		7.77	
76.	5.12	3		14.302		6.29	
79.	5.27	3		14.392		6.45	
84	5 21	5		14.196		6.06	
6612	9.0	2.7357	−0.0048	−18.011	+0.182	29°2460	
80.	5.25	3	13 44	21.603	29 47	6.17	
83.	5.23	3		21.556		7.09	
84	5. 5	2		21.378		6 95	
84.	5.23	4		21.520		6.90	
6613	8.8	2.7340	−0.0048	−18.010	+0.183	30°2451	
73.	5.23	3	13 44	23.446	29 54	0.90	
76.	5.12	1		23.321		0.72	
81.	5.23	3		23.447		2.33	
84.	5.17	7		23.318		1.96	$+1^{m}$
6614	8.5	2.7731	−0.0038	−18.000	+0.186	27°2299	
73.	5.15	3	13 44	37.659	26 54	35.85	
74.	5.11	2		37.742		34.42	
78.	5.21	3		37.836		35.53	

6615	$8^{m}.9$	$2^{s}.7565$	$-0^{s}.0042$	$-17''.996$	$+0''.185$	28°2266
73.	5.16	3	$13^{h}44^{m}44^{s}.427$	28° 9′ 27″.00		
80.	5.20	3	44.749	25.68		
83.	5.23	2	44.433	27.49		
85.	5.21	5	44 403	25.98		
6616	9.4	2.7858	−0.0034	−17.988	+0.187	25°2685
89	5.22	7	13 44 56.678	25 51 30.17		†
6617	9.3	2.7920	−0.0032	−17.981	+0.188	25°2687
80	5.20	2	13 45 8.446	25 19 23.46		Z.C. δ 23″.6
81.	5.23	3	8.588	24.07		
83.	5.25	3	8.413	23.12		
84.	5.10	3	8.370	23.36		
84.	5.13	4	8.510	24.11		
6618	8.2	2.7599	−0.0040	−17.968	+0.186	27°2301
76.	5.19	3	13 45 27.559	27 44 54.16		
78.	5.18	3	27.392	53.44		
79.	5.19	3	27.532	51.82		
83.	5.22	3	27.366	51.28		
85.	6. 3	6	27.406	52.82		
6619	7.5	2.7913	−0.0032	−17.968	+0.189	25°2689
73.	5.12	3	13 45 27.780	25 19 3.03		
73.	5.24	3	27.860	1.46		
79.	5.30	3	27 879	0.32		
83	5.24	3	27.813	2.73		
85.	6. 1	6	27.799	1.50		
6620	9.5	2.7775	−0.0036	−17.965	+0.188	26°2499
73.	5.13	3	13 45 33.098	26 23 10.44		
73.	5.27	3	33.282	11.45		
83.	5.23	5	33.114	8.91		
6621	9.1	2.7260	−0.0048	−17.960	+0.185	30°2455
84.	5. 6	3	13 45 40.677	30 12 4.54		
84.	5.14	5	40.636	7.13		
84.	5.23	5	40.702	6.63		
6622	9.4	2.7633	−0.0039	−17.959	+0.187	27°2302
73	5.15	3	13 45 41.967	27 26 35.02		
83.	5.24	3	42.013	36.84		
84.	5.27	5	41.940	35.60		
6623	8.0	2.7901	−0.0031	−17.947	+0.190	25°2691
73.	5.12	3	13 46 1.066	25 18 28.06		Z.C. δ 27″.5
81.	5.23	1	0.957	27.03		
6624	7.5	2.7855	−0.0033	−17.943	+0 189	25°2692
80.	5.25	3	13 46 7.095	25 39 11.66		
83.	5.23	2	7.018	12.78		
85.	5.15	5	7.075	12.06		
6625	8.5	2.7705	−0.0036	−17.931	+0.189	26°2501
73.	5 27	3	13 46 24.289	26 44 55.43		
83.	5.22	3	24.370	55.12		
83.	5.25	1	24.259	57.20		
6626	9 0	2.7749	−0.0034	−17.921	+0 189	26°2502
73.	5.13	3	13 46 40.841	26 21 30.09		Z.C. Ep. 78.9
84.	5.21	7	40.654	30.03		

6627	$9^{m}.2$	$2^{s}.7840$	$-0^{s}.0032$	$-17''.919$	$+0''.190$	25°2693
84.	5.10	4	$13^{h}46^{m}43^{s}.557$	25° 38′ 43″.54		
84.	5.26	3	43.579	43.10		
6628	9.5	2.7840	−0.0032	−17.911	+0 190	25°2694
83.	5.24	1	13 46 54.825	25 36 39.31		
86.	5.20	5	54.738	36.96		
6629	8.5	2.7407	−0.0042	−17.900	+0.188	28°2269
84.	5.27	5	13 47 12.068	28 48 32.89		
84.	5.30	3	12.027	33.95		
6630	9.4	2.7516	−0.0040	−17.896	+0.189	28°2270
93.	4.27	7	13 47 17.871	27 59 25.25		
93.	5. 5	6	17.963	21.93		
6631	9.5	2.7640	−0.0036	−17.896	+0.190	27°2304
93.	5. 6	7	13 47 18.867	27 3 33.39		
93.	5. 8	7	18.327	30.29		
6632	9.1	2.7416	−0.0042	−17.896	+0.188	28°2271
83.	5.22	1	13 47 18.653	28 43 46.01		+ 30′
84.	5.17	4	18.654	44.61		Z.C. α 18ˢ.72
85.	5.23	7	18.846	44.27		
6633	8.5	2.7453	−0 0041	−17.895	+0.188	28°2272
79.	5.29	3	13 47 20.493	28 26 12.19		†
84.	5. 5	4	20.542	10.26		
6634	8.5	2.7478	−0.0040	−17.893	+0.189	28°2273
84.	5.14	4	13 47 22.273	28 15 45.09		
85.	6. 3	7	22.209	44.75		
92.	5.10	7	22.240	44.88		
6635	8 8	2.7831	−0.0031	−17.889	+0 191	25°2696
73.	5.12	3	13 47 29.455	25 33 56.22		
89.	5.21	7	29.443	55.70		
6636	6.0	2.7335	−0.0043	−17.888	+0.188	29°2464
73.	5.23	2	13 47 30.115	29 15 50.28		
76.	5.12	2	30.079	49.15		
79.	5.27	2	30.223	48.94		
85.	5.21	7	30.035	50.05		
6637	9.4	2.7736	−0.0033	−17.888	+0.190	26°2503
73.	5.13	3	13 47 30.236	26 17 32.28		
92.	5. 9	7	30.136	31.15		ex. ft.
6638	7.7	2.7931	−0.0028	−17.886	+0.192	24°2658
84.	5. 6	5	13 47 34.073	24 46 36.62		Z.C. δ 37″.2
84.	5.23	5	34.041	37.83		+ 1ᵐ
6639	8.3	2.7548	−0.0038	−17.886	+0.190	27°2306
73.	5.15	3	13 47 34.370	27 42 7.42		
92.	5. 6	7	34.854	9.64		
6640	9.1	2.7334	−0.0043	−17.884	+0.188	29°2465
73.	5.23	2	13 47 36.685	29 15 15.78		
76.	5.12	2	36.749	16.20		
79.	5.27	2	36.952	16.03		

6641	$9^m.0$	$2^s.7933$	$-0^s.0028$	$-17''.883$	$+0''.192$	24°2659
84.	5.30	2	$13^h47^m38^s.121$	24° 45′ 15″.74		
85.	5.15	6	38.331	13.63		
6642	8.0	2.7486	−0.0039	−17.877	+0.190	28°2274
73.	5.16	3	13 47 47.404	28 6 42.57		
84.	5.26	5	47.433	42.35		
6643	9.4	2.7629	−0.0035	−17.877	+0.191	27°2307
73.	5 15	3	13 47 47.397	27 2 49.48		
93.	5. 9	4	47.791	50.68		
6644	9.0	2.7326	−0.0043	−17.874	+0.188	29°2467
73.	5.23	2	13 47 51.242	29 15 45.35		+3°
76.	5.12	2	51.441	46.05		w. 6 + 10^s
79.	5.27	2	51.396	45.13		
83.	5.23	1	51.321	46.35		
6645	8.8	2.7724	−0.0033	−17.872	+0.191	26°2504
73.	5.13	2	13 47 54.943	26 17 45.71		Z.C. δ 46″.7
81.	5.23	3	54.464	47.46		
92.	5. 7	7	54.526	46.86		
6646	7.8	2.7352	−0.0042	−17.850	+0.189	29°2471
84.	5.10	5	13 48 27.951	28 56 38.08		
84.	5.27	4	27.998	37.13		
6647	9.2	2.7770	−0.0031	−17.846	+0.192	25°2697
80	5.20	3	13 48 34.182	25 50 2.98		
89.	5.22	7	33.975	5.07		
6648	9.1	2.7642	−0.0034	−17.844	+0.192	26°2505
83.	5.22	1	13 48 36.912	26 47 46.71		
84.	5.13	2	36.833	44.00		
84.	5.26	1	37.039	43.78		
6649	8.8	2.7769	−0.0031	−17.843	+0.192	25°2698
84.	5. 5	2	13 48 38.944	25 49 22.26		
84.	5.17	7	38.823	21.98		s. f. of 2
84.	5.21	7	39.069	22.33		
84.	5.23	2	38.966	22.82		
6650	9.1	2.7861	−0.0028	−17.836	+0.194	25°2699
73.	5.12	3	13 48 49.235	25 5 16.14		
83.	5.25	2	49.026	17 58		
84.	5.14	4	49.299	16.11		
6651	8.5	2.7821	−0.0027	−17.782	+0.195	25°2702
73.	5.12	3	13 50 10.193	25 8 35.00		
76.	5.29	1	10.061	33.58		
79.	5.23	1	10.123	33.20		
84.	5.10	5	10.098	33.88		
84.	5.13	1	10.337	33.51		
6652	7.0	2.7248	−0.0042	−17.772	+0.192	29°2473
73.	5.23	2	13 50 24.758	29 17 5.80		
76.	5.12	3	24.753	4.52		
76.	5.12	2	24.484	6.53		
79.	5.27	3	24.662	4.90		
83.	5.23	3	24.614	6.44		
85.	5.21	7	24.678	4.74		
85.	6. 3	7	24.692	5.67		
6653	$9^m.1$	$2^s.7180$	$-0^s.0043$	$-17''.772$	$+0''.191$	29°2472
73.	5.23	3	$13^h50^m24^s.935$	29° 45′ 44″.13		Z.C. δ 44″.8
81.	5.23	3	24.883	45.67		
83.	5.24	3	24.887	44.72		
6654	6.9	2.7631	−0.0032	−17.771	+0.194	26°2508
73.	5.13	3	13 50 25.414	26 31 53.08		
73.	5.27	1	25.254	53.94		
76.	5.15	3	25.207	54.35		
85.	5.15	7	25.397	52.79		
85.	6. 1	5	25.317	54.04		
6655	9.2	2.7799	−0.0027	−17.767	+0.196	25°2703
84.	5. 5	2	13 50 31.131	25 14 10.23		−1′
92.	5. 7	7	31.013	10.03		
6656	9.2	2.7448	−0.0036	−17.756	+0.194	27°2310
73.	5.15	3	13 50 47.490	27 47 8.97		
79.	5.19	3	47.795	9.86		
80.	5.20	3	47.873	7.98		
80.	5.22	3	47.443	8.68		
6657	5.0	2.7402	−0.0036	−17.753	+0.194	28°2278
73.	5.16	3	13 50 51.539	28 6 20.75		Z.C. δ 20″.0
74.	5. 9	1	51.636	18.88		+ 10^s
79.	5.29	3	51.589	20.42		
6658	8.8	2.7279	−0.0040	−17 747	+0.193	29°2475
81.	5.20	3	13 51 0.693	28 56 59.03		Z.C. δ 59″.7
81.	5.23	3	0.608	60.49		
85.	5.23	7	0.704	58.96		
85.	5.29	7	0.578	60.15		
6659	9.1	2.7742	−0.0028	−17.737	+0.197	25°2706
83	5.22	2	13 51 16.163	25 32 5.03		
84.	5. 6	7	16.317	1.19		
84.	5.14	3	16.018	4.23		
84.	5.21	7	16.054	3.24		
6660	9.1	2.7773	−0.0027	−17.733	+0.197	25°2707
81.	5.21	3	13 51 21.154	25 17 31.31		Z.C. δ 31″.3
84.	5.17	4	21.259	31.13		
84.	5.23	5	21.264	31.43		
6661	8.3	2.7531	−0.0032	−17.722	+0.196	27°2312
74.	5.11	3	13 51 37.065	27 1 53.89		Z.C. δ 54″.5
76.	5.19	3	37.087	54.89		
78.	5.18	3	37.132	55.35		
78.	5.21	3	37.222	54.04		
6662	9.2	2.7195	−0.0041	−17.720	+0.193	29°2477
73.	5.23	2	13 51 40.351	29 24 4.40		Z.C. δ 3″.5
76.	5.12	2	40.346	2.40		
79	5.27	3	40.309	3.00		
80.	5.25	3	40.276	4.24		
6663	8.0	2.7721	−0.0028	−17.718	+0.197	25°2708
73.	5.12	3	13 51 43.221	25 36 38.40		
73.	5.24	3	43.086	38.60		
79.	5.30	3	43.120	38.30		

6664	$9^{m}.0$	$2^{s}.7486$	$-0^{s}.0033$	$-17''.712$	$+0''.196$	27°2313
73.	5.15	3	$13^{h}51^{m}52^{s}.643$	27° 17′ 50″.12		
79.	5.19	3	52.732	51.07		
80.	5.22	3	52.537	50.20		
80.	5.29	2	52.893	50.48		
87.	5.14	7	52.780	51.71		
6665	8.9	2.7721	−0.0027	−17.701	+0.198	25°2709
76.	5.29	3	13 52 8.810	25 32 13.17		
85.	6. 3	5	8.791	11.68		
6666	9.3	2.7253	−0.0038	−17.690	+0.194	28°2279
73.	5.16	3	13 52 24.621	28 51 13.91		
79.	5.29	3	24.851	15.51		
80.	5.25	2	24.768	14.45		
84.	5.10	6	24.668	14.42		
84.	5.26	4	24.759	13.44		
6667	9.2	2.7244	−0.0038	−17.676	+0.195	28°2280
73.	5.16	3	13 52 45.268	28 51 8.02		
74.	5. 9	3	45.251	5.15		
79.	5.21	3	45.384	8.14		
6668	8.9	2.7405	−0.0034	−17.667	+0.196	27°2314
74.	5.11	3	13 52 57.819	27 40 8.29		Z.C. δ 9″.2
78.	5.21	3	57.740	7.86		
83	5.23	3	57.850	10.60		
83.	5.24	3	57.917	10.05		
6669	6.9	2.7728	−0.0026	−17.660	+0.199	25°2712
73.	5.12	3	13 53 8 355	25 18 9.83		
73.	5.24	3	8.217	9.34		
76.	5.29	3	8.230	8 51		
87.	5.20	5	8.302	8.20		
6670	8.9	2.7403	−0.0033	−17.652	+0.197	27°2315
73.	5.15	3	13 53 20.038	27 37 5.56		
74.	5 11	3	19.958	4.77		
78.	5.18	1	19.871	5.98		
81	5.30	3	20.230	3.86		
87	5.21	5	20.098	4.13		
6671	7.4	2 7569	−0.0029	−17.651	+0.198	26°2511
73.	5.13	3	13 53 20.767	26 25 28.02		c.d.l.
76.	5.15	3	20.731	29.26		c.d.n.f.
76.	6. 1	3	20.773	29.13		d.n.f.
86.	5.20	7	20.830	27.83		c.d.n.f.
6672	9.3	2.7129	−0.0039	−17.650	+0.195	29°2480
73.	5.23	3	13 53 21.999	29 30 59.70		
76.	5.12	3	22.159	60.54		
79	5.27	3	22.172	59.58		
80.	5.20	3	22.256	60.52		
6673	9.1	2.7218	−0.0037	−17.649	+0.196	28°2282
73.	5 16	2	13 53 24.040	28 54 1.01		
83.	5.22	3	23.707	1.38		
84.	5.13	5	23.918	1.08		
84.	5.27	4	23.582	0.27		
6674	9.0	2.7417	−0.0033	−17.641	+0.198	27°2316
76.	5.19	3	13 53 34.956	27 27 54.60		
77.	5.17	3	34.810	53.75		
78.	5.21	3	34.868	53.63		
6675	$7^{m}.5$	$2^{s}.7768$	$-0^{s}.0024$	$-17''.639$	$+0''.200$	25°2713
83.	5.24	3	$13^{h}53^{m}39^{s}.309$	24° 54′ 32″.07		
83.	5.25	3	39.172	31.68		
85.	5.29	7	39.153	30.85		
6676	8.9	2.7702	−0.0026	−17.637	+0.200	25°2714
79.	5.23	3	13 53 40.902	25 23 38.29		
83.	5.31	3	41.026	38.15		
83.	5.23	4	40.898	38.97		
6677	9.4	2.7528	−0.0030	−17.632	+0.199	26°2512
73.	5.27	3	13 53 48.059	26 38 28.35		
83.	5.23	3	48.342	27.59		
6678	9.2	2.7632	−0.0027	−17.625	+0.200	25°2715
73.	5.12	3	13 53 59.135	25 50 44.15		
84.	5. 5	5	58.908	43.35		
84.	5.23	1	58.898	44.41		
84.	5.30	5	58.849	44.13		
6679	9.1	2.7768	−0.0024	−17.620	+0.201	24°2674
81.	5.20	3	13 54 5.088	24 49 58.92		
84.	5. 6	5	5.349	58.00		
84.	5.17	6	5.179	59.74		
6680	9.3	2.7685	−0.0025	−17.619	+0.201	25°2716
84.	5.10	4	13 54 6.935	25 26 43.97		
92.	5. 7	7	6.869	44.37		
6681	8.9	2.7345	−0.0034	−17.618	+0.198	27°2317
74.	5.11	2	13 54 8.516	27 52 15.12		
76.	5.19	3	8.475	15.68		
79.	5.19	3	8.702	16.37		
6682	9.5	2.7615	−0.0027	−17.616	+0.200	26°2513
73.	5.13	3	13 54 11.022	25 56 5.13		†
6683	9.0	2.7212	−0.0036	−17.613	+0.197	28°2284
74	5. 9	3	13 54 16.306	28 46 1.62		
81.	5.21	3	16.088	3.75		
83.	5.24	1	16.015	4.22		
6684	8.5	2.7357	−0.0033	−17.608	+0.199	27°2318
73.	5.15	3	13 54 22.223	27 44 42.15		Z.C. δ 43″.4
77.	5.17	3	22.216	43.98		
78.	5.21	1	22.221	43.99		
6685	9.4	2.7000	−0.0040	−17.608	+0.196	30°2474
84.	5.14	3	13 54 23.084	30 11 18.50		
84.	5.27	1	22.962	20.61		−1′
6686	9.0	2.7163	−0.0036	−17.600	+0.198	29°2482
79.	5.27	3	13 54 34.358	29 2 27.76		
83.	5.22	3	34.056	28.81		
83.	5.31	3	34.275	26.79		
6687	9.5	2.7617	−0.0026	−17.592	+0.201	25°2718
73.	5.24	3	13 54 45.541	25 49 10.88		
76.	5.29	2	45.838	10.56		

6688 8$^{\rm m}$9 2$^{\rm s}$7580 −0$^{\rm s}$0026 −17″563 +0″201 26°2517

73.	5.13	3	13$^{\rm h}$55$^{\rm m}$27$^{\rm s}$051	25° 57′ 49″66	
73.	5.27	3	27.004	50.89	
76.	5.15	3	27.003	50.85	
84.	5. 5	4	27.052	50.64	
84.	5. 6	5	27.250	48.75	
84.	5.10	2	27.174	51.32	

6689 Fundamental Star 28°2287

6690 7.5 2.7137 −0.0035 −17.553 +0.199 29°2483

76.	5.12	3	13 55 40.684	29 0 52.21	
79.	5.27	3	40.755	51.89	
81.	5.20	3	40.770	53.16	
83.	5.22	3	40.643	54.04	

6691 9.4 2.7223 −0.0033 −17.530 +0.200 28°2288

73.	5.16	3	13 56 13.304	28 19 40.83	+ 5′
74.	5. 9	3	13.343	39.98	Z.C. δ 40″6
81.	5.21	3	12 960	40.94	

6692 9.2 2.7337 −0.0029 −17.503 +0.203 27°2321

73.	5.15	3	13 56 52.429	27 25 6.42	
74.	5.11	3	52.610	5.99	
76.	5.19	3	52.480	6.69	
77.	5.17	3	52.482	6.44	
77.	5 17	2	52.392	6.62	
78.	5.21	3	52.647	6.86	

6693 7.3 2.7651 −0.0022 −17.492 +0 205 25°2722

73.	5.12	3	13 57 7.004	25 10 7.59	
76.	5.29	3	6.838	6.34	
79.	5.23	3	6 796	6.27	

6694 7.4 2.7636 −0.0022 −17.475 +0.205 25°2723

73.	5.12	3	13 57 30.568	25 12 2.97	
79.	5.23	3	30.431	0.81	+ 1$^{\rm s}$
80.	5.29	3	30.353	0.91	
83.	5.22	3	30.426	1.81	

6695 9.1 2.7432 −0.0026 −17.475 +0.204 26°2518

73.	5.13	3	13 57 30.684	26 38 36.43	
76.	5.15	3	30.523	38.85	
76.	6. 1	3	30.520	37.82	

6696 9 0 2.7145 −0 0033 −17.473 +0 202 28°2289

73.	5.16	3	13 57 33.890	28 36 23.45	
79.	5.21	2	33.747	23.68	
79.	5.29	2	34.084	23.54	
81.	5.20	3	33.935	22.38	

6697 9.1 2.7695 −0.0021 −17.472 +0.206 24°2680

73.	5.24	3	13 57 35.843	24 45 36.38	
80.	5.25	3	35.866	36.47	
83.	5.24	3	35.825	37.22	
83.	5.31	3	35.786	35.91	

6698 9.0 2.7172 −0.0032 −17.469 +0.202 28°2290

73.	5.16	2	13 57 39.629	28 24 27.71	
80.	5.22	3	39.419	28.95	
83.	5.23	3	39.259	28.82	
83.	5.31	1	39.424	26.50	

6699 7$^{\rm m}$5 2$^{\rm s}$7212 −0$^{\rm s}$0031 −17″463 +0″203 28°2291

74.	5. 9	3	13$^{\rm h}$57$^{\rm m}$48$^{\rm s}$095	28° 6′ 41″95	
79.	5.21	2	48.014	43.93	
83.	5.22	1	48.129	43.83	

6700 9.2 2.6983 −0.0035 −17.431 +0.202 29°2485

73.	5.23	3	13 58 31.705	29 29 50.73	
80.	5.20	3	31.973	48.90	
81.	5.23	3	31.868	49.94	

6701 9.3 2.7318 −0.0028 −17.421 +0.205 27°2327

73.	5.15	3	13 58 46.405	27 12 6.50	
74.	5.11	3	46.418	7.97	
76.	5.19	3	46.431	8.19	
77.	5.17	3	46.575	7.68	
78.	5.18	3	46.774	7.91	
78.	5.21	3	46.453	7.30	

6702 8 0 2.6936 −0.0035 −17.417 +0.203 29°2486

80.	5.25	3	13 58 51.198	29 44 38.17	
85.	5.23	6	51.219	38.07	
87.	5.10	7	51.146	40.05	

6703 6.9 2.7425 −0.0025 −17.409 +0.206 26°2521

73.	5.13	3	13 59 3.424	26 25 17.05	
73.	5.27	3	3.323	18.16	
76.	5.15	3	3.237	16.68	
85.	5.21	7	3.340	15.57	

6704 9.1 2.7643 −0.0020 −17.407 +0.207 24°2684

73.	5.12	3	13 59 6.111	24 52 59.87	
76.	5.29	2	5.838	58.65	
79.	5 23	3	5.838	58.33	

6705 8.8 2.7420 −0.0025 −17.406 +0.206 26°2522

73.	5.13	3	13 59 7 261	26 26 37.95	
73.	5.27	3	7.252	38.51	
76.	5.15	3	7.216	38.14	

6706 9.0 2.6903 −0.0035 −17.399 +0.202 29°2487

80.	5.29	3	13 59 17.400	29 52 16.78	Z.C. δ 17″6
81.	5.21	3	17.024	16.94	
93:	4.27	7	16.926	19.10	

6707 9.0 2.6939 −0.0035 −17.399 +0.203 29°2488

76.	5.12	3	13 59 17.268	29 38 20.71	
80.	5.22	3	17.412	19.72	
83.	5.23	3	17.267	20.78	
83.	5.24	3	17.324	20.83	

6708 8.9 2.7361 −0.0026 −17.379 +0.207 26°2523

76.	6. 1	3	13 59 43.450	26 44 50.69	
92.	5. 7	7	43.636	49.53	

6709 9.2 2.7242 −0.0027 −17.362 +0.207 27°2329

73.	5.15	3	14 0 7.781	27 29 10.36	
74.	5.11	3	7.712	10.63	
76.	5.19	3	7.872	10.97	+1 int.
77.	5.17	3	7.745	11.69	

6710 9.4 2.7498 −0.0022 −17.359 +0.209 25°2726

73.	5.12	3	14 0 11.656	25 42 58.02	
76	5.29	3	11.437	57.51	
79.	5.30	3	11 605	56.85	

6711 $9^{m}.4$ $2^{s}.7225$ $-0^{s}.0027$ $-17''.345$ $+0''.207$ 27°2330

77.	5.17	1	14^{h}	0^{m}	$31^{s}.158$	27°	31′	$39''.24$	Z.C. δ $38''.6$
92.	5.10	2			30.720			38.57	-1^{s} ex. ft.
92.	5.17	4			30.826			37.84	v. ft.

6712 8.0 2.7098 −0.0029 −17.333 +0.206 28°2292

73.	5.16	3	14	0	47.237	28	19	20.47	$+5'$
74.	5. 9	3			47.394			20.65	Z.C. α $47^{s}.26$
79.	5.21	3			47.085			21.71	
79.	5.29	3			47.319			22.19	

6713 9.1 2.6920 −0.0033 −17.332 +0.205 29°2490

73.	5.23	3	14	0	48.605	29	28	60.82	
84.	5.27	7			48.373			60.53	
86.	5.20	7			48.440			59.69	

6714 9.0 2.7396 −0.0023 −17.331 +0.209 26°2525

73.	5.13	3	14	0	50.235	26	18	57.23	
73.	5.27	3			50.352			59.51	
76.	6. 1	3			50.168			57.64	

6715 9.5 2.7539 −0.0020 −17.329 +0.210 25°2728

81.	5.23	2	14	0	53.245	25	18	59.00	
85.	5.23	3			53.046			58.14	w. $3+10^{s}-15'$

6716 9.3 2.6914 −0.0032 −17.319 +0.206 29°2492

80.	5.22	3	14	1	5.725	29	28	2.74	†
80.	5.25	3			5.923			3.64	
89.	5.21	7			5.510			4.56	

6717 9.0 2.7201 −0.0026 −17.314 +0.208 27°2333

74.	5.11	3	14	1	12.585	27	33	57.43	
78.	5.18	3			12 483			59.28	
78.	5.21	3			12.561			58.83	

6718 7.0 2.6975 −0.0031 −17.309 +0.206 29°2493

76.	5.12	3	14	1	19.544	29	2	4.08	
80.	5.28	3			19.521			3.25	
80.	5.29	3			19.497			2.98	

6719 9.5 2.6911 −0.0032 −17.308 +0.206 29°2494

73.	5.23	3	14	1	21.342	29	26	23.24	†

6720 8.9 2.6841 −0.0033 −17.303 +0.206 29°2495

81.	5.20	3	14	1	28.381	29	51	53.01	Z.C. δ $53''.4$
81.	5.21	3			28.299			53.35	
83.	5.24	3			28.234			54.14	
86.	5.29	5			28.315			53.59	
86.	6. 1	5			28.282			52.86	

6721 9.0 2.6806 −0.0033 −17.284 +0.206 30°2484

81.	5.23	3	14	1	53.887	30	0	50.64	
85.	5.29	7			53.739			51.52	
89.	5.22	7			53.738			50.28	
89.	5.31	6			53.780			49.93	

6722 9.3 2.6831 −0.0032 −17.275 +0.206 29°2496

83.	5.31	3	14	2	5.187	29	49	1.70	
92.	5.14	7			5.201			1.87	

6723 8.6 2.7510 −0.0019 −17.274 +0.211 25°2732

73.	5 12	3	14	2	7.061	25	19	4.63	
73.	5.24	3			6.844			2.67	
76.	5 29	3			6.737			3.61	

6724 $8^{m}.8$ $2^{s}.7235$ $-0^{s}.0024$ $-17''.261$ $+0''.209$ 27°2335

73.	5.15	3	14^{h}	2^{m}	$24^{s}.871$	27°	8′	$4''.06$	Z.C. δ $4''.1$
74.	5.11	3			24.925			4.22	
76.	5.19	3			24.844			3.95	$-1'$

6725 8.0 2.7196 −0.0025 −17.257 +0 209 27°2336

92.	5.18	7	14	2	30.252	27	22	16.96	
92.	5.20	7			30.397			16.28	
93.	5. 9	7			30.414			15.61	w. $5+1^{s}$
93.	5.10	7			30.423			16.47	

6726 6.2 2.7559 −0.0017 −17.256 +0.212 25°2733

79.	5.23	3	14	2	31.805	24	54	33 35	
79.	5.30	3			31.832			33.17	
80.	5.28	3			31.750			34.05	
87.	5.21	5			31.754			33.50	

6727 9.5 2.7522 −0.0017 −17.248 +0.212 25°2734

80.	5.25	3	14	2	41.793	25	8	25.94	
93.	5.13	7			41.435			24.41	

6728 9.0 2.6819 −0.0032 −17.241 +0.207 29°2498

76.	5.12	3	14	2	51.844	29	45	17.64	
80.	5.22	3			51.859			17.65	
83.	5.22	3			51.922			17.88	
83.	5.23	3			51.913			19.25	

6729 8.9 2.6845 −0.0031 −17.237 +0.207 29°2499

81	5.20	3	14	2	56.329	29	34	39.26	Z.C. δ $39''.5$
84.	5.14	4			56.336			38.86	
84.	5.17	7			56.297			40.32	

6730 9.5 2.7265 −0.0022 −17.230 +0.211 26°2528

93.	5.18	7	14	3	6.839	26	48	53.36	
93.	5 24	7			7.217			52.13	
93.	5.25	7			7.007			51.88	

6731 9.3 2 6801 −0.0032 −17.225 +0.207 29°2500

81.	5.21	3	14	3	13.001	29	48	21.35	Z.C. δ $20''.3$
83.	5.31	3			12.907			19.23	

6732 8.5 2.7368 −0.0020 −17.206 +0.213 26°2529

81.	5.23	3	14	3	38.187	26	2	5.46	
92.	5.10	7			38.394			4.22	
92.	5.17	7			38.044			3.57	

6733 8.1 2.7144 −0.0024 −17.196 +0.211 27°2340

79.	5.19	3	14	3	51.592	27	29	8.62	
83.	5.24	3			51.548			10.53	
83.	5.25	3			51.539			9.99	

6734 8.1 2.7298 −0.0021 −17.189 +0.213 26°2530

84.	5.14	4	14	4	1.094	26	26	17.23	
84.	5.21	4			0.942			16.25	$+1^{m}$

6735 8.2 2.7172 −0.0023 −17.167 +0.212 27°2342

81.	5.20	3	14	4	29.859	27	11	32.35	c. d. p.
81.	5.21	3			29.867			32.84	v. c. d.
									Z.C. δ $32''.6$

6736 Fundamental Star 25°2737

6737 9^{m}2 2^{s}6767 −0^{s}0030 −17″157 +0″210 29°2503

80.	5.20	3	14^{h}	4^{m}	44^{s}135	29°	44′	52″95	§
81.	5.23	3			43.924			52.84	Z.C. δ 51″7
92.	5.14	7			43.733			50.61	

6738 8.0 2.7005 −0.0026 −17.153 +0.212 28°2294

83.	5.31	3	14	4	49.438	28	13	27.94	
84.	5.27	4			49.398			29.00	
84.	5.30	3			49.341			28.36	

6739 9.0 2.7516 −0.0015 −17.139 +0.215 24°2697

79.	5.30	3	14	5	7.925	24	47	46.42	
83.	5.25	3			7.808			47.91	
83.	5.31	3			7.918			46.22	

6740 8.9 2.7453 −0.0016 −17.120 +0.216 25°2739

76.	5.29	2	14	5	32.175	25	9	22.82	
83.	6. 1	3			32.248			21.99	ft.
83.	6. 4	3			32.213			22.47	

6741 9.1 2.6926 −0.0026 −17.118 +0.212 28°2296

81.	5.20	3	14	5	35.143	28	35	48.63	
84.	5.13	3			35.206			49.13	
84.	5.17	3			35.129			49.83	
84.	5.26	4			35.254			47.94	

6742 9 0 2.6665 −0.0031 −17.108 +0.211 30°2489

83.	6. 1	1	14	5	48.895	30	11	1.88	−1^{m}+5′
84.	5.13	1			48.675			0.85	Z.C. α 48^{s}67
84.	5.21	4			48.679			1.06	
84.	5.30	3			48.448			1.35	

6743 8.2 2.6911 −0.0026 −17.101 +0.212 28°2297

73.	5.16	1	14	5	57.912	28	37	26.82	
84.	5.14	7			57.911			27.19	
84.	5.23	4			57.697			26.71	

6744 9.5 2.7084 −0.0022 −17.075 +0.215 27°2343

81.	5.21	3	14	6	31.771	27	25	26.87	Z.C. δ 26″1
93.	5.10	4			32.025.			25.27	

6745 9.3 2.6883 −0.0025 −17.060 +0.214 28°2300

73.	5.16	1	14	6	50.894	28	38	41.94	
80.	5.25	3			50.469			42.21	
83.	5.31	3			50.655			40.44	
84.	5.27	4			50.538			42.19	

6746 7.2 2.6777 −0.0027 −17.059 +0.213 29°2505

77.	5.29	3	14	6	52.616	29	18	16.04	d. n. p.
81.	5.20	3			52.565			15.26	d. n. p.
83.	6. 5	3			52.568			16.59	d.

6747 9.0 2.7402 −0.0016 −17.053 +0.218 25°2740

73.	5.24	3	14	7	0.198	25	16	10.89	Z.C. δ 10″4
80.	5.29	3			0.462			9.77	
81.	5.21	3			0.194			10.57	

6748 9.3 2.7085 −0.0021 −17.052 +0.216 27°2346

73.	5.15	3	14	7	1.967	27	20	2.48	
77.	5.17	3			1.931			2.02	
80.	5.22	3			2.140			1.81	
84.	5.26	4			2.042			1.93	

6749 8^{m}9 2^{s}7233 −0^{s}0019 −17″050 +0″217 26°2538

73.	5.13	3	14^{h}	7^{m}	4^{s}039	26°	22′	6″19	
73.	5.27	3			3.879			6 68	
76.	5.15	2			3.975			6.95	− 19^{s}
76.	6. 1	3			3.828			7.04	

6750 9.0 2.7421 −0.0015 −17.048 +0.218 25°2741

79.	5.23	3	14	7	7 300	25	7	18.19	
79.	5.30	3			7.197			18.70	
83.	6. 4	2			7.301			18.79	
84.	5.30	3			7.098			19.43	

6751 9.5 2.7022 −0.0022 −17.047 +0.215 27°2347

83.	5.25	3	14	7	9.012	27	42	54.13	
93.	5.13	6			8 374			54.22	
94.	5. 1	3			8.664			54.85	
94.	5. 4	7			8.536			53.50	

6752 8.8 2.7307 −0.0018 −17.044 +0.217 25°2742

83.	5.23	2	14	7	11.352	25	51	49.79	
84.	5.17	7			11.357			50.21	
84.	5.21	4			11.395			49.43	
84.	5.23	4			11.359			49.23	

6753 8.5 2.6923 −0.0024 −17.022 +0.215 28°2302

81.	5.23	3	14	7	39.977	28	15	36.77	Z.C. δ 37″0
83.	5 31	3			39.921			36.67	
85.	5 29	6			39 821			37.56	

6754 7.9 2.7365 −0.0015 −17.009 +0.219 25°2744

73.	5.24	3	14	7	58.036	25	21	47.55	
79.	5.30	3			58.066			46.97	
80.	5.29	3			58.150			47.67	

6755 8.5 2.7160 −0.0019 −17.004 +0.217 26°2542

73.	5.27	3	14	8	3.946	26	41	5.64	
83	5.22	3			3.907			4.90	
83.	5.23	3			3.837			5.06	
89.	5.22	7			3.775			5.44	
89.	5.31	5			3.978			5.21	

6756 7.0 2.6673 −0.0027 −16.991 +0.214 29°2508

83.	6. 4	1	14	8	20.953	29	41	24.45	
83.	6 5	2			21.304			26.13	v. c. d. m.
84.	5.14	4			21.294			27.64	
85.	5.23	6			21.217			26.46	v. c. d.
85.	6. 1	7			21.151			26.84	v. c. d. m.

6757 8.5 2.6915 −0.0023 −16.983 +0.216 28°2304

80.	5.25	3	14	8	30.873	28	10	24.68	
81.	5.21	2			30.924			25.28	
85.	6. 3	6			30.786			23.84	
85.	6. 4	6			30.870			24.24	

6758 9.0 2.6858 −0.0023 −16.982 +0.216 28°2305

80.	5.22	3	14	8	32.743	28	31	5.99	
83.	5.24	3			32.788			7.87	
83.	6. 1	3			32.811			6.97	
86.	5.28	5			32.847			7.57	
86.	5.29	5			32.830			6.55	

6759	$8^{m}.1$	$2^{s}.7054$	$-0^{s}.0020$	$-16''.980$	$+0''.217$	27°2349
73. 6. 2	3	$14^{h}\,8^{m}35^{s}.239$	27° 16′ 49″.97			
76. 5.19	3	35.091	49.75			
83. 5.31	2	35.143	49.23			
84. 5.13	7	35.055	49.99			
84. 5.27	4	35 139	50.84			
6760	8.0	2.6661	−0.0026	−16.963	+0.215	29°2509
81. 5.23	3	14 8 56.643	29 40 10.59			
83. 6. 6	3	56.366	10.40			
84. 5.21	4	56.451	9.37			
6761	8 9	2.7339	−0.0014	−16.959	+0.220	25°2746
79. 5.30	3	14 9 1.894	25 22 6.04			
80. 5.25	3	1.903	7.61			
84. 5.23	4	1.843	7.35			
6762	8.5	2.7067	−0.0019	−16.954	+0.218	27°2351
73. 6. 2	2	14 9 7.722	27 6 30.91			
76. 5.19	3	7.872	29.15			
83. 6. 6	2	7.730	31.09			
6763	9.0	2.7299	−0.0015	−16.949	+0.220	25°2747
81. 5.20	3	14 9 14.432	25 35 40.52			
84. 5.26	5	14.333	39.66			
89. 5.21	7	14.367	40.98			
89. 6. 4	5	14.387	39 84			
6764	9.5	2.7276	−0.0015	−16.949	+0.219	25°2748
80. 5.22	3	14 9 14.633	25 44 61.30			
86. 5.20	5	14.737	61.33			ex. ft.
86. 5.27	4	14.807	58.89			v. ft.
6765	8.9	2.7227	−0.0016	−16.945	+0.219	26°2544
73. 5.13	3	14 9 19.548	26 3 28.20			
73. 5.27	3	19.586	29.37			
76. 5 15	3	19.368	28.33			
6766	9.0	2.6658	−0.0026	−16.944	+0.215	29°2510
83 5.23	3	14 9 20.518	29 36 51.13			
84. 5.17	5	20.533	50.14			
84. 5.30	5	20.537	50.61			
6767	9.4	2.7349	−0.0014	−16.944	+0.220	25°2749
73. 5 24	3	14 9 20.491	25 15 24.07			
85. 5.29	5	20.683	22.73			
93. 5. 9	5	20.927	23.62			
6768	7.0	2.6856	−0.0022	−16.921	+0.218	28°2309
83. 5.22	3	14 9 50.821	28 18 59.16			
84. 5.27	5	50.760	58.43			
84. 6.11	4	50.801	58.48			
6769	8.8	2.6709	−0.0024	−16.918	+0.217	29°2511
80. 5.25	2	14 9 54.748	29 12 35.03			
81. 5.20	3	54.774	35.22			
6770	9.1	2.6715	−0.0024	−16.895	+0.217	29°2512
83. 5.22	3	14 10 24.309	29 5 18.03			
84. 5.23	2	24.346	17.23			
85. 5.23	5	24.316	17.44			
86. 5.28	5	24.130	18.13			
6771	$8^{m}.6$	$2^{s}.7163$	$-0^{s}.0016$	$-16''.877$	$+0''.221$	26°2546
73. 5.13	3	$14^{h}\,10^{m}46^{s}.969$	26° 14′ 4″.76			
76. 5.15	3	46 671	5.84			
85. 6. 3	7	46.800	4.33			
85. 6. 4	7	46.754	3.89			
6772	8.6	2.7008	−0.0018	−16.873	+0.220	27°2354
76. 5 19	3	14 10 51.413	27 12 26.86			
83. 5.31	3	51.470	27.99			
83. 6. 4	3	51.475	28.62			
86. 5.29	5	51.382	28.14			
92. 5.18	7	51.374	28.59			
92. 5 20	7	51.489	29.03			
6773	9.3	2.6623	−0.0024	−16.870	+0.217	29°2514
85. 5.29	5	14 10 55.910	29 33 27.28			
85. 6. 1	4	55.910	27.83			ex. ft.
6774	8.6	2.7111	−0.0017	−16.866	+0.221	26°2547
81. 5.20	3	14 10 59.688	26 31 39.73			−5′
83. 5 23	3	59.505	41.10			Z.C. α $59^{s}.67$
84. 5.14	4	59.742	40.20			Z.C. δ 40″.2
84. 5 26	4	59.744	39.64			
6775	8.6	2.6668	−0.0024	−16.866	+0.218	29°2515
83. 6. 6	3	14 11 0.750	29 16 38.07			
84. 5.13	6	0.750	37.65			
84. 5.17	5	0.783	38.25			
84. 5.30	4	0.921	38.23			
6776	9.0	2.7078	−0.0017	−16 865	+0.221	26°2548
73. 5.13	3	14 11 1.972	26 44 10.62			
76. 6. 1	1	1.689	10.70			
80. 5.20	2	2.126	9.99			§
6777	9.1	2.6622	−0.0024	−16.858	+0.218	29°2516
81. 5.23	3	14 11 11.243	29 31 15.96			
84. 5.14	2	11.234	15.92			
86. 5.20	7	11.238	15.71			
6778	8.5	2.7039	−0.0018	−16.855	+0.221	27°2356
73. 6. 2	3	14 11 14.911	26 56 49.60			
76. 5.19	3	14.735	48.41			
6779	9.0	2.7378	−0.0012	−16.853	+0.223	24°2712
73. 5.24	3	14 11 16.419	24 46 22.79			
79. 5.30	3	16.406	23.15			
6780	9.0	2.7330	−0.0012	−16.850	+0.223	25°2752
83. 6. 4	1	14 11 20.354	25 4 41.76			
84. 5.26	1	20.216	38.87			
6781	8.7	2.6883	−0.0020	−16.838	+0.220	27°2357
83. 5.30	3	14 11 35.688	27 51 46.09			
83. 5.31	3	35.637	45.49			
84. 5.27	5	35.568	45.58			
86. 5.27	7	35.679	45.89			
89. 5.21	7	35.554	47.32			
89. 5.22	7	35.453	47.67			
89. 5.31	7	35.655	47.32			
89. 6. 4	7	35.617	45.61			
91. 6. 1	7	35.683	46.80			

6782	9^{m}4	2^{s}7084	−0^{s}0016	−16″838	+0″222	26°2551
93.	5.10	3	14^{h}11^{m}36^{s}337	26° 36′ 40″54		
93.	5.13	7	35.678	37 63		
94.	5. 1	7	35.778	38.93		w. 7 + 1^{s}
94.	5. 4	7	36.134	38.67		
6783	9.1	2.6676	−0.0023	−16.837	+0.219	29°2518
77.	5.29	2	14 11 37.509	29 7 36.35		Z.C. δ 36″1
83.	5.22	2	37.406	36.02		
83.	6. 1	3	37.656	36.05		
6784	9.4	2.7314	−0.0011	−16.816	+0.224	25°2755
73.	5.24	3	14 12 3.280	25 4 23.06		
92.	5.14	6	3.506	23.29		
6785	9.0	2.6820	−0 0020	−16.807	+0.221	28°2312
73.	5.16	3	14 12 14.558	28 9 2.97		
79.	5.29	2	14.699	3.98		− 10^{s}
80.	5.25	3	14.607	2.70		
6786	9.4	2.6876	−0.0019	−16.803	+0.222	27°2359
77.	5.17	2	14 12 19.850	27 47 25.76		Z.C. δ 25″6
78.	5.18	2	19.845	25.56		
80.	5.29	2	20.238	25.34		ex. ft.
6787	9.2	2.6630	−0.0022	−16 797	+0.219	29°2521
83.	5.23	3	14 12 26.951	29 16 12.44		
83.	5 24	3	26.836	13.31		
86.	5.28	7	27.043	12.04		
6788	7.8	2.6939	−0.0018	−16.794	+0.222	27°2360
73.	5.15	3	14 12 31.456	27 22 32.41		Z.C. α 31^{s}55
73.	6. 2	3	31.500	32.58		
74.	5.11	3	31.696	30.47		
76.	5.19	3	31.604	31.34		
86.	5.29	5	31.488	31.02		
6789	9.1	2.6524	−0.0024	−16.793	+0.219	29°2522
83.	5.25	3	14 12 31.898	29 52 38.72		
83.	5 30	3	31.951	38.28		
83.	5.31	1	32.069	36.54		
6790	9.1	2.6676	−0.0021	−16.790	+0.220	29°2523
81.	5.31	3	14 12 36.450	28 57 39.60		Z.C. δ 40″4
83.	6. 6	2	36.316	41.20		
6791	8.7	2.7167	−0.0013	−16.773	+0.224	25°2757
73.	5.24	3	14 12 57.735	25 52 58.43		
74.	5.30	3	57.904	58.41		
76.	5.29	3	57.736	58.23		
81.	6. 1	3	57.808	57.79		
6792	7.3	2.6657	−0.0021	−16.770	+0.220	29°2524
73.	5.23	3	14 13 1.434	29 0 51.45		
77.	5.30	3	1.463	50.22		
85.	5.23	7	1.334	50.73		
85.	5.29	5	1.350	51.18		
85.	6. 1	7	1.359	51.84		
6793	9.4	2.7100	−0.0014	−16.740	+0.225	— —
83.	5.24	3	14 13 39.271	26 11 48.12		†
6794	9^{m}3	2^{s}6980	−0^{s}0015	−16″738	+0″224	27°2363
73.	6. 2	2	14^{h}13^{m}40^{s}650	26° 56′ 13″40		
74.	5.11	3	40.708	10.49		
77.	5.17	3	40.841	12.99		− 1°
81.	5.20	3	40.888	11.38		
84.	5.13	5	40.987	13.77		
84.	5.14	3	40.861	13.42		v.ft.
6795	9.1	2.7330	−0.0010	−16.738	+0.227	24°2718
74.	5.30	3	14 13 41.032	24 44 15.91		
76.	5.29	3	40.834	16.89		
79.	5.30	3	41.010	15.39		
85.	6 4	5	40.991	15.14		
6796	8.4	2.7023	−0.0014	−16.704	+0.225	26°2553
73.	5.13	3	14 14 23.438	26 33 54.68		
73.	5.27	3	23.401	55.24		
76.	6. 1	3	23.368	55.53		
86.	5.29	5	23.350	54.75		
86.	6. 1	5	23.455	54.66		
6797	9 0	2.6600	−0.0020	−16.688	+0.222	29°2526
73.	5.23	3	14 14 43.559	29 4 14.61		Z.C. δ 14″5
77.	5.29	3	43.679	14.98		
80.	5.25	3	43.607	14.97		
80.	5.29	3	43.934	13.59		
6798	8.8	2.6852	−0.0016	−16 686	+0.224	27°2366
73.	5.15	3	14 14 45.190	27 33 46.61		
76.	5 19	2	45.328	45.52		
77.	5.17	3	45.118	45.59		
78.	5.18	3	45.185	46.26		
6799	8.0	2.7212	−0.0010	−16.681	+0.228	25°2759
73.	5.24	3	14 14 51.497	25 19 7.93		
76.	5.29	3	51.336	8.40		
79.	5.30	3	51.343	8.69		
6800	7.5	2.6915	−0.0015	−16.677	+0.225	27°2367
73.	6. 2	3	14 14 57.000	27 8 50.33		
74.	5.11	3	56.953	49.32		
83.	5 22	3	56.728	49.69		
83.	5.23	3	57.049	50.28		
83.	6. 8	3	56.794	49.94		
6801	9.0	2.7180	−0.0010	−16.668	+0.228	25°2761
73.	5.24	3	14 15 7.618	25 29 2.35		
76.	5.29	1	7.546	3.22		
79.	5.23	2	7.573	4.12		
6802	7.0	2.6992	−0.0014	−16.668	+0.226	26°2554
73.	5.13	3	14 15 7.839	26 38 57.08		
73.	5.27	3	7.720	56.96		
76.	6. 1	3	7.809	56.87		
78.	5.23	3	7.756	58.01		
85.	6. 4	5	7.775	56.95		
6803	9.2	2.7110	−0.0011	−16.654	+0.228	25°2763
74.	5.30	3	14 15 25.270	25 52 41.38		Z.C. δ 40″9
80.	5.25	3	25.565	41.37		
80.	5.29	3	25.692	40.06		
83.	6. 4	3	25.273	40.95		

6804 $9^{m}.2$ $2^{s}.6974$ $-0^{s}.0013$ $-16''.628$ $+0''.227$ 26°2556

73. 5.13	3	$14^{h}15^{m}56^{s}.894$	26° 38′ 18″.34	
73. 5.27	2	56.715	19.26	

6805 9.0 2.6966 −0.0013 −16.613 +0.228 26°2557

76. 6. 1	3	14 16 15.569	26 38 8.96	
92. 5 14	7	15.642	7.76	

6806 9.4 2.6831 −0.0015 −16.603 +0.227 27°2368

73. 5.15	3	14 16 27.595	27 25 46.50	Z.C. δ 45″.6
73. 6. 2	3	27.564	46.62	
74. 5.11	2	27.618	43.79	
78. 5.18	3	27.399	45.36	

6807 9.3 2.6612 −0.0018 −16 592 +0.225 28°2316

73. 5.16	3	14 16 40.697	28 41 50.74	Z.C. δ 50″.8
79. 5.29	3	40.702	51.32	
80. 5.20	3	40.902	49.22	§
81. 5.31	3	40.653	49.89	
85. 5.29	6	40.620	51.34	

6808 6.5 2.6396 −0.0021 −16.589 +0.224 30°2513

73. 5.23	3	14 16 44.616	29 56 30.66	Z.C. δ 30″.8
77. 5.29	3	44.574	30.75	
83. 5.22	3	44.572	30.55	
83. 5.23	3	44.563	31.42	

6809 8.9 2.6875 −0.0013 −16.582 +0.228 27°2371

73. 6. 2	3	14 16 53.566	27 5 55.35	
74. 5.11	2	53.531	52.52	
76. 5.19	3	53.590	53.84	
86. 5.29	5	53.458	54.17	
86. 6. 1	5	53.402	52.72	δ doubtful

6810 8.0 2.7035 −0.0011 −16 581 +0.229 26°2559

76. 6. 1	3	14 16 55.046	26 7 16.39	
80. 5.29	3	55.105	16.36	
83. 5.24	3	54.963	16.82	
85 6. 3	6	54.868	16.67	

6811 9.0 2.7087 −0.0010 −16.575 +0.229 25°2765

76. 5.29	3	14 17 2.267	25 47 5.22	Z.C. δ 4″.6
79. 5.23	2	2.516	4.32	ft.
80. 5 28	2	2.285	4.40	

6812 8.9 2 7148 −0 0009 −16.571 +0 230 25°2766

73. 5.24	3	14 17 6.687	25 23 45.85	Z.C. δ 45″.9
74. 5.30	3	6.676	44.44	
80. 5.25	3	6.689	46.45	
83. 6. 4	3	6.425	46.99	

6813 9 3 2 6748 −0.0015 −16.554 +0.227 27°2372

73. 5.15	3	14 17 27.880	27 46 32 13	Z.C. δ 30″.8
77. 5.17	3	27.693	30.12	
78. 5.18	3	27 740	30.13	

6814 6.1 2.7056 −0.0010 −16.552 +0 230 25°2770

73. 5.24	3	14 17 30.299	25 54 17.90	
76. 5.29	2	30.025	19.37	
79. 5.23	3	30.216	19.54	
85. 6. 4	7	30 021	20.21	
86. 6.23	7	30.092	19.75	

6815 $9^{m}.4$ $2^{s}.6962$ $-0^{s}.0011$ $-16''.523$ $+0''.230$ 26°2561

73. 5.13	3	$14^{h}18^{m}5^{s}.512$	26° 23′ 41″.60	
78. 5.23	3	5.575	41.66	ft.
86. 5.28	7	5.579	41.72	

6816 9.0 2.7215 −0.0006 −16.517 +0.233 24°2730

92. 5.18	7	14 18 12.140	24 49 33.02	
92. 5.20	6	12.274	33.74	
93. 5. 9	7	12.424	33.14	
93. 5.10	5	12.675	34.51	

6817 8.8 2.7168 −0.0007 −16.515 +0.232 25°2773

81. 5.31	3	14 18 14.545	25 6 45.35	Z.C. δ 45″.8
84. 5.14	7	14.564	46.46	
84. 5.21	4	14.480	45.55	

6818 8.8 2.7055 −0.0009 −16.513 +0.231 25°2774

73. 5.24	2	14 18 17.289	25 47 44.21	
84. 5.17	4	17.386	43.80	
84. 5.23	7	17.288	43.61	$+1^{m}$

6819 8.0 2.6716 −0.0015 −16.512 +0.228 27°2374

73. 5.15	3	14 18 18.691	27 50 22.80	
73. 6. 2	3	18.648	22.34	
76. 5.19	3	18.642	21.65	

6820 6.5 2.6687 −0.0015 −16.504 +0.228 28°2318

73. 5.16	3	14 18 28.592	27 58 52.34	
79. 5.21	2	28.568	51.85	
79. 5.29	3	28 592	52.83	
85. 5 29	6	28.490	52.03	
85. 6. 1	7	28.528	51.80	
86. 6. 8	5	28.667	51.92	+ 1′
86. 6 9	5	28.541	52.38	§

6821 8.0 2.6971 −0.0010 −16.499 +0.231 26°2563

73. 5.27	3	14 18 34.472	26 16 23.71	Z.C. Ep. 79.2
76. 6. 1	3	34.296	23.08	
78 5.23	3	34.571	23.10	
88. 5.31	7	34.334	22.40	

6822 9.3 2.6495 −0 0017 −16.495 +0.227 29°2528

73. 5.23	3	14 18 38.858	29 4 25.90	Z.C. δ 25″.5
77. 5.29	3	38.921	26.07	
80. 6. 4	3	39.187	24.53	

6823 9.0 2.6380 −0.0019 −16.495 +0.226 29°2529

77. 5.29	2	14 18 39.237	29 43 49.34	B − 5″
80. 5.25	3	39.240	48.20	Z.C. δ 48″.5
83 5.22	3	39.290	49.38	clds.
83 6. 4	3	39.161	47.18	

6824 9.1 2.7012 −0.0009 −16.490 +0.231 26°2565

84. 5.17	2	14 18 44.260	26 0 4.03	− 1′
84. 5.21	2	44.404	3.25	
84. 5.30	3	44.347	3.92	

6825 9.4 2.6570 −0.0016 −16.488 +0.228 28°2320

79. 5.29	1	14 18 47.575	28 37 7.26	
84. 5.26	3	47.396	6.89	

6826	9^m0	2^s7123	-0^s0008	$-16''486$	$+0''233$	25°2775
74.	5.30	3	$14^h18^m49^s878$	25° 18′ 36″09	Z.C. δ 35″0	
79.	5.23	3	49.991	34.02		
81.	5.30	2	49.940	34.33		
85.	6. 3	7	50.033	35.50		
6827	8.6	2.6963	−0.0010	−16.470	+0.232	26°2566
73.	5.27	2	14 19 8.929	26 14 27.38		
76.	6. 1	1	8.854	26.34		
80.	5.28	3	8.961	26.51		
86.	5.29	5	8.935	26.77		
86	6. 1	5	8.861	27.18		
6828	9.0	2.6455	−0.0017	−16.454	+0.227	29°2530
73.	5.23	3	14 19 27.554	29 10 51.42	Z.C. δ 51″0	
77.	5.29	1	27.637	51.67		
80.	5.29	3	27.631	50.00		
6829	9.0	2.6618	−0.0015	−16.451	+0.229	28°2322
73.	5.16	3	14 19 32.012	28 13 38.63	Z.C. α 32^s04	
79.	5.21	2	32.163	38.77	v. ft. +10′	
80.	5.31	3	31.957	37.97	Z.C. δ 38″5	
6830	8.7	2.6872	−0.0011	−16.450	+0.231	26°2567
73.	5.13	3	14 19 32.335	26 43 39.96	Z.C. δ 40″8	
80.	5.25	3	32.334	41.51		
81.	5.31	3	32.397	40.85		
6831	9.0	2.6734	−0.0012	−16.426	+0.231	27°2375
73.	5.15	3	14 20 1.238	27 28 46.40		
73.	6. 2	3	1.172	45.85		
74.	5.11	3	1.354	44.68		
6832	7.5	2.6835	−0.0011	−16.411	+0 232	26°2569
73.	5.13	3	14 20 19.851	26 49 51.33		
73.	5.27	3	19.959	52.39		
78.	5.23	2	19.864	52.68		
85.	6. 4	6	19.747	51.33		
6833	9.1	2.6317	−0.0018	−16.399	+0.228	29°2533
81.	5.30	3	14 20 33.426	29 47 36.92	Z.C. δ 37″6	
81.	5.31	3	33.299	37.52		
85.	5.29	7	33.364	38.26		
6834	9.4	2.6896	−0.0009	−16.399	+0.233	26°2570
83.	5.25	3	14 20 34.176	26 26 9.88		
92.	5.14	7	34.090	8.30		
6835	8.2	2.6832	−0.0010	−16.380	+0.233	26°2572
80.	5.22	3	14 20 55.938	26 46 1.32	Z.C. δ 1″3	
80.	5.25	3	55.953	2.80		
80.	5.28	3	55.932	0.42		
80.	5.29	3	56.107	1.30		
80.	6. 4	3	56.010	0.31		
83.	6. 4	3	55.920	1.91		
6836	8.0	2.6582	−0.0014	−16.375	+0.231	28°2325
73	5.16	3	14 21 2.842	28 12 31.67		
79.	5.29	3	2.789	31.49		
84.	5.21	5	2.773	31.00		
84.	5.26	3	2.746	31.47		
6837	9^m0	2^s6322	-0^s0017	$-16''374$	$+0''228$	29°2534
73.	5.23	3	$14^h21^m\ 3^s845$	29° 40′ 57″53	Z.C. δ 58″1	
77.	5.29	3	4.115	58.96	− 2 int.	
77.	5.30	3	4.155	57.80		
6838	7.5	2.6407	−0.0016	−16.357	+0.230	29°2535
80.	5.28	3	14 21 23.529	29 9 24.44	clds.	
80.	6. 4	3	23.647	23.69		
84.	5.17	4	23.700	24.75		
85.	6. 1	7	23.520	23.97		
85.	6. 3	7	23.642	23.90		
6839	9 5	2.7027	−0.0007	−16.352	+0.235	— —
74.	5.30	3	14 21 29.340	25 31 19.40	†	
6840	9.1	2.6450	−0.0015	−16.352	+0.230	28°2327
73.	6. 6	3	14 21 29.670	28 53 47.56		
83.	5.22	3	29.877	48.92		
83.	6. 4	3	29.553	50.10	$+1^m$	
6841	8.4	2.6786	−0.0010	−16.352	+0.234	27°2378
73.	5.15	3	14 21 30.165	26 57 23.79		
73.	6. 2	3	30.125	22.04		
77.	5.17	3	30.094	22.57		
84.	5.17	1	29.876	21.87		
84.	5.23	7	30.156	20.93		
84.	5.27	7	30.139	21.77		
6842	8.8	2.6684	−0.0012	−16.349	+0.233	27°2379
76.	5.19	3	14 21 33.555	27 32 46.32	-1^m	
77.	5.17	2	33.566	45.37	Z.C. δ 45″5	
86.	5 28	7	33.576	45.94		
86.	5.29	7	33.462	45.19		
86.	6. 1	7	33.429	44.51		
6843	9.2	2.6733	−0.0010	−16.328	+0.234	27°2380
78.	5 18	3	14 21 57.987	27 12 12.54		
80.	5.31	3	58.213	12.08		
81.	5.31	3	58.017	12.15		
81.	6. 1	3	58.008	12.39		
6844	8.9	2.6573	−0.0012	−16.311	+0.232	28°2329
73.	5.16	3	14 22 17.520	28 4 33.48		
79.	5.29	3	17.532	35.16		
80.	5.29	3	17.688	33.43		
81.	5.30	3	17.385	33.76		
84.	5.26	1	17.760	33.82		
6845	9.0	2.7008	−0.0006	−16.307	+0.236	25°2780
73.	5.24	3	14 22 22.312	25 30 49.53		
74.	5.30	3	22.406	49.97		
76.	5.29	3	22.348	50.61		
6846	8.0	2.6731	−0.0010	−16.304	+0.234	27°2382
73.	5.15	3	14 22 26.259	27 9 7.54		
73.	6. 2	3	26.338	7.83		
76.	5.19	3	26.247	7.84	$+1^m$	
85.	6. 4	7	26.231	6.34		
6847	7.2	2.6258	−0.0016	−16.300	+0.230	29°2538
73.	5.23	3	14 22 30.966	29 49 27.49	Z.C. δ 28″2	
77.	5.29	3	30.922	28.98		
77.	5.30	3	30.872	28.01		

6848	$8^{m}.0$	$2^{s}.7075$	$-0^{s}.0004$	$-16''.293$	$+0''.238$	25°2782
73.	5 24	3	$14^{h}22^{m}39^{s}.892$	$25^{\circ}\ 4'\ 25''.27$		
79.	5.23	3	39.786	24.77		
79.	5.30	3	39.783	24.15		
On 79.5.30 the microscope readings were altered from 27.1, 27.9 to 32 9, 32.1						
6849	8.9	2.6774	−0 0009	−16.288	+0.235	26°2574
73.	5.13	3	14 22 45.068	26 50 56.97		
76.	6. 1	3	44.938	58.06		
78.	5 23	3	44.930	58.15		
6850	7.5	2.6419	−0.0014	−16.275	+0.232	28°2331
73.	5.16	2	14 23 1.134	28 50 57.67		
79.	5.29	1	1.157	59.05		
80.	5 28	2	0.954	57.18		
80.	6. 4	1	1.192	57.36		
6851	7.0	2.6418	−0.0014	−16.273	+0.232	28°2332
73.	6. 6	2	14 23 3.179	28 51 0.18	Z.C. $\delta\ 0''.6$	
80.	5.28	2	2.984	0.85	$+10^{s}$	
80.	6. 4	3	2.982	0.82		
6852	7.0	2.6838	−0.0008	−16.267	+0.236	26°2575
76.	6. 1	3	14 23 10.438	26 24 49.35		
80.	5.29	3	10.575	50.02		
83.	5.25	3	10.334	50.48		
6853	9.2	2.6175	−0.0015	−16.240	+0.231	30°2527
81.	5.31	3	14 23 41.878	30 5 52.30		
84.	5.21	5	42.037	53.76		
84	5.23	5	42.142	54.25		
6854	9.0	2.6672	−0.0009	−16.235	+0.235	27°2383
77.	5.17	3	14 23 46.691	27 17 57.78		
78	5.18	3	46 683	58.08		
81.	6. 1	3	46.581	57.01		
6855	9.3	2.6333	−0.0014	−16.235	+0.232	29°2539
77.	5.29	3	14 23 46.914	29 13 13.29		
80.	5.22	3	46.739	11.90		
80.	5.31	3	47.016	12.24		
83.	5.23	3	46.691	13.35		
83.	6. 4	3	46.796	12.72		
84	5.17	4	46.752	12.95		
84.	5.30	7	46.678	12.45		
6856	9.0	2.6694	−0.0008	−16.229	+0.236	27°2384
73.	5.15	3	14 23 54.300	27 9 20.56		
73	6. 2	3	54.277	18.56		
83.	5.30	3	54.260	18.56		
83.	5.31	3	54.318	17.11		
85.	5.29	7	54.308	18.41		
6857	9.5	2.6355	−0.0013	−16.229	+0 233	— —
73.	5.23	3	14 23 54.585	29 5 0.55	Z.C. $\delta\ 0''.6$	
77.	5.30	3	54.832	0.62	$+1^{m}$	
6858	9.0	2.6905	−0.0006	−16.221	+0.237	25°2784
73	5.24	3	14 24 3.802	25 53 42.52	Z.C. $\delta\ 42''.0$	
76.	5.29	3	3.799	42.29		
80.	5.29	3	4.092	41.30		
6859	$9^{m}.0$	$2^{s}.6713$	$-0^{s}.0008$	$-16''.191$	$+0''.237$	27°2385
76.	5.19	3	$14^{h}24^{m}38^{s}.251$	$26^{\circ}\ 56'\ 40''.22$		
77.	5.17	3	38.106	41.47		
83.	5.30	1	38.353	40.10		
83.	5.31	1	38.329	40.49	$-5'$	
86.	5.29	7	38.281	40.98		
6860	9 1	2.6319	−0.0013	−16.184	+0.234	29°2542
73.	5.23	3	14 24 46.275	29 8 50.97	+ 3°	
81.	5.30	3	46.310	49.49		
91.	6. 1	6	46.537	49.41		
6861	8.3	2.6929	−0.0004	−16.180	+0.239	25°2786
79.	5.30	3	14 24 51.795	25 38 45.81	Z.C. $\delta\ 46''.4$	
81.	6. 1	3	51.875	45.56		
83.	5.25	3	51.715	47.54		
83.	6. 1	3	51.899	46.57		
6862	9.0	2.6404	−0.0012	−16.143	+0.235	28°2335
73.	5.16	3	14 25 33.932	28 33 52.55		
80.	5.28	3	33.830	52.50		
84.	5.21	4	34.067	52.37		
84.	5.23	4	33.991	51.57		
6863	9.1	2.7016	−0.0002	−16 141	+0.241	25°2789
80.	5.29	2	14 25 36.351	25 2 25.66	†	
6864	9.4	2.6512	−0.0010	−16.140	+0.236	28°2336
81.	5.31	3	14 25 38.367	27 56 59.33	Z.C. $\delta\ 0''.1$	
83.	6. 4	3	38.274	60.90		
6865	9.0	2.7008	−0.0002	−16.138	+0.241	25°2790
73.	5.24	3	14 25 39.501	25 4 40.57		
79.	5.30	3	39.624	39.01		
6866	9.4	2.6915	−0.0004	−16.136	+0.240	25°2791
81.	5.30	2	14 25 42 749	25 37 26.55	ex. ft.	
93.	5.10	2	43.100	28.41	Z.C. $\delta\ 27''.5$	
6867	9.2	2.6683	−0.0007	−16.134	+0.238	27°2387
77.	5.17	3	14 25 45.141	26 57 54.81		
83.	6 6	3	45.301	56.14		
84.	5.27	4	45.165	53.99		
6868	9.0	2.7014	−0.0002	−16.129	+0.241	25°2792
80.	5.22	3	14 25 50.026	25 1 17.48	$+5'$	
80.	5.29	2	50.532	16.32		
92.	5.24	1	50.025	18.34		
6869	8.3	2.6437	−0.0011	−16.124	+0.236	28°2338
73.	6. 6	3	14 25 56.010	28 19 51.88		
79.	5.29	3	55.857	53.38		
80.	5.28	3	55.814	53.23		
84.	5.26	4	55.820	53.48		
84.	5.30	5	55.806	54.18		
6870	9.4	2.6233	−0.0013	−16.109	+0.235	29°2544
73.	5.23	3	14 26 13.489	29 24 45.73	Z.C. $\delta\ 45''.7$	
89.	5.31	5	13.591	45.58	$+1'$	
6871	9.0	2.6266	−0.0012	−16.092	+0.235	29°2545
92.	5.18	7	14 26 32.714	29 11 25.77		
92.	5.30	7	32.827	25.22		
93.	5.13	7	33.175	25.07		
93.	5.18	7	32.472	26.52		

6872	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}6171$	$-0^{\mathrm{s}}0012$	−16″079	+0″235	29°2546
	73. 5.23	2	$14^{\mathrm{h}}26^{\mathrm{m}}47^{\mathrm{s}}481$	29° 40′ 18″85		
	92. 6. 1	7	47.550	16.56		
6873	6.2	2.6610	−0.0007	−16.079	+0.239	27°2388
	76. 6.10	3	14 26 48.233	27 13 51.06		
	84. 5.21	5	48.150	51.70		
	84. 5.23	5	48.233	50.66		
	84. 5.26	4	48.336	51.08		
	89. 6. 4	7	48.336	50.28		
6874	9.4	2.6881	−0.0003	−16.050	+0.242	25°2794
	73. 5.24	3	14 27 20.795	25 35 51.21		Z C. δ 51″4
	79. 5.30	3	20.900	50.77		
	81. 5.31	3	21.056	50.64		
	81. 6. 1	2	20.968	51.37		
	83. 6. 4	2	20.780	52.96		+15′
6875	8.8	2.6529	−0.0008	−16.044	+0.239	27°2391
	76. 6.10	3	14 27 27.704	27 36 1.43		ft.
	77. 5.17	3	27.781	1.83		
	83. 5.24	3	27.700	3.28		
	84. 5.27	5	27.745	1.73		
6876	9.0	2.6455	−0.0008	−16.028	+0.239	28°2342
	73. 5.16	3	14 27 46.389	27 57 56.49		Z.C. α $46^{\mathrm{s}}36$
	73. 6. 6	3	46.272	54.68		
	79. 5.29	3	46.359	56.13		
	81. 5.31	3	46.527	55.02		
	84. 5.30	4	46.234	56.43		−1′
6877	9.1	2.6780	−0.0004	−16.005	+0.242	26°2578
	80. 5.28	3	14 28 12.325	26 4 38.04		Z.C. δ 38″5
	80. 6. 4	3	12.285	38.88		
6878	9.3	2.6202	−0.0011	−16.001	+0.237	— —
	81. 5.30	2	14 28 16.752	29 17 13.78		† Z.C. δ 13″8
6879	9.5	2.6443	−0.0008	−16.001	+0.239	28°2343
	73. 5.16	3	14 28 17.126	27 58 10.87		†
6880	9.2	2.6784	−0.0004	−16.001	+0.242	26°2579
	89. 5.31	7	14 28 17.452	26 2 40.35		Z.C. δ 40″8
	92. 5.30	2	17.446	41.22		
6881	8.7	2.6131	−0.0011	−16.000	+0.237	29°2550
	73. 5.23	3	14 28 18.759	29 40 10.18		
	80 5.29	3	18.820	10.18		
	83 5.25	3	18.438	11.52		
	83. 6. 4	3	18 708	10.86		
6882	9.0	2.6200	−0.0011	−15.996	+0.237	29°2551
	77. 5.29	3	14 28 23.253	29 17 3.37		
	81. 5.30	3	23.404	2.71		
	83. 5.30	3	23.237	3.59		w. 2 − 1^{s}
	84. 5.21	5	23.010	2.68		
	84. 5.23	5	23.215	2.16		
	84. 5.26	5	23.227	2.19		
	92. 5.17	7	23.164	0.25		
6883	9.0	2.6715	−0.0004	−15.991	+0.242	26°2580
	83. 5.24	3	14 28 28.750	26 24 35.36		
	83. 6. 1	3	28.863	34.79		
	86. 5.29	7	28.842	34.44		
	88. 5.31	5	29.025	35.13		

6884	$8^{\mathrm{m}}8$	$2^{\mathrm{s}}6175$	$-0^{\mathrm{s}}0011$	−15″989	+0″237	29°2552
	77. 5 30	2	$14^{\mathrm{h}}28^{\mathrm{m}}29^{\mathrm{s}}995$	29° 24′ 14″26		Z.C. δ 12″8
	77. 6. 9	2	30.274	12.61		
	83. 5.31	3	30.265	11.47		-5^{s}
6885	9.2	2.6779	−0.0003	−15.988	+0.243	26°2581
	76. 6. 1	3	14 28 31.606	26 2 35.98		ex. ft.
	80. 5.22	3	31.886	36.22		
	80. 5.25	3	31.758	37.28		
	83. 6. 6	3	31.680	38.35		
6886	8.1	2.6965	0.0000	−15.978	+0.245	25°2796
	73. 5.24	3	14 28 43.467	24 56 29.58		
	76. 5.29	3	43.455	29.30		
	79. 5.30	3	43.547	28.79		
	83. 6. 8	3	43.439	29.49		
6887	9.1	2 6605	−0.0005	−15.974	+0 242	27°2394
	73. 5.15	3	14 28 47.705	26 59 29.50		Z.C. δ 28″7
	73. 6. 2	3	47.574	29.31		
	76. 5.19	3	47.596	27.63		
	77. 5.17	3	47.555	29.52		
	78. 5.18	3	47.573	27.59		
6888	8.1	2.6962	0.0000	−15.973	+0.245	25°2797
	73. 5.24	3	14 28 48.786	24 56 58.08		Z.C. δ 58″3
	76. 5.29	3	48.616	59.25		
	79. 5.30	3	48.749	57.77		
	81. 5.31	2	48.889	57.48		
	81. 6. 8	1	48.756	57.41		
	83. 6. 8	3	48.891	59.79		
6889	8.1	2.6235	−0.0010	−15.973	+0.238	29°2553
	81. 6. 1	3	14 28 49.217	29 2 19.60		Z.C. δ 19″9
	83. 5.25	3	49.084	20.91		w. 5.6 − 10^{s}
	84. 6.10	4	49.073	19.21		
	84. 6. 7	3	49.166	19.77		
6890	8.6	2.6071	−0.0012	−15.972	+0.237	30°2535
	92. 5.18	7	14 28 49.816	29 55 4.29		
	92. 5.24	4	49.678	4.08		
	93. 5. 9	7	49.885	3.18		
	93. 5.10	7	50.078	4.50		
6891	9.5	2.6156	−0.0011	−15.966	+0.238	29°2554
	85. 6. 3	7	14 28 56.519	29 26 45.27		
	89. 6. 4	2	56.318	43.73		
6892	9.0	2.6948	0.0000	−15.954	+0.245	25°2799
	80. 5.29	2	14 29 10.491	24 59 13.37		
	84. 6. 7	1	10.249	13.11		
	85. 6. 4	6	10.196	13.88		
6893	8.9	2.6281	−0.0009	−15.952	+0.239	28°2345
	73. 6. 6	3	14 29 12 871	28 43 56.55		
	84. 5.23	2	12.840	56.94		
	84. 5.30	5	12.709	57.62		
6894	8.0	2.6240	−0.0010	−15.949	+0.238	29°2555
	77. 5 29	2	14 29 16.439	28 56 38.04		Z.C. δ 38″3
	80. 5.28	3	16.544	36.82		
	84. 5.27	5	16.346	37.81		
	91. 6. 1	7	16.399	37.90		
	91. 6.11	5	16.497	40.74		

6895 $9^{m}.1$ $2^{s}.6399$ $-0^{s}.0008$ $-15''.946$ $+0''.240$ $28^{\circ}2346$

73. 6. 6	2	$14^{h}29^{m}19^{s}.324$	28° $4'$ $17''.56$	$+5'$
79. 5.29	3	19.147	20.40	Z.C. α $19^{s}.16$
83. 5 30	3	19.224	20.57	
83. 6. 6	3	19.008	19.69	
85. 6. 1	7	19.115	19.50	

6896 8.8 2.6419 −0.0008 −15.938 +0.240 $28^{\circ}2347$

73. 5.16	3	14 29 28.058	27 56 18.73	
83. 6. 4	2	28.052	21.07	
83. 6. 5	2	28.100	20 29	

6897 9.1 2.6903 0.0000 −15.931 +0.245 $25^{\circ}2800$

83. 5.25	1	14 29 36.892	25 11 15.99	
85. 5.29	7	36.789	13.85	

6898 9.5 2.6211 −0.0009 −15.926 +0.239 $29^{\circ}2556$

73. 5.23	3	14 29 42.273	29 2 35.46	
93. 5.25	5	42.019	37.38	

6899 9 4 2.6803 −0.0001 −15.896 +0 245 $25^{\circ}2801$

74. 5.30	3	14 30 15.361	25 40 56.59	
76. 5.29	3	15.190	56.77	
81. 6. 1	3	15.430	55.56	
88. 5.31	5	15.560	57.26	

6900 8.0 2.6836 −0.0001 −15.896 +0.245 $25^{\circ}2802$

79. 5.30	3	14 30 16.284	25 29 16 05	
83. 5.31	3	16.367	15.78	
83. 6. 1	2	16.250	18.28	
86. 6. 8	5	16.415	16.39	
86. 6. 9	5	16.348	16.27	

6901 8.3 2.6961 0.0000 −15.894 +0.247 $24^{\circ}2743$

81. 5.30	2	14 30 18.265	24 45 57.05	Z.C. δ $58''.0$
83. 6. 8	3	18.094	59.90	

6902 9.2 2.6191 −0.0009 −15.892 +0.240 — —

73. 5.13	2	14 30 19.987	29 4 7.58	
92. 5.14	2	19.834	5.28	

6903 9.3 2.6874 0.0000 −15.886 +0.246 $25^{\circ}2803$

80. 5 25	3	14 30 27.436	25 14 46.59	
80. 5.31	3	27.241	46.39	
84. 5.21	5	27.303	46.09	
84. 5.26	5	27.415	45.74	§ $-1^{m}.$
84. 5.27	3	27.304	45 71	

6904 8.4 2.6571 −0.0004 −15.881 +0.244 $27^{\circ}2396$

73. 5.15	3	14 30 32.607	26 57 18.15	
73. 6. 2	3	32.623	18.08	
76. 5.19	3	32.558	15.81	
76. 6.10	3	32.459	16.36	
77. 5.17	3	32.500	17.89	

6905 7.0 2.6367 −0.0006 −15.861 +0.242 $28^{\circ}2348$

73. 6. 6	3	14 30 55.002	28 1 49.16	
79. 5.29	3	54.890	50.32	
80. 6. 4	3	54.808	48.96	
83. 6. 6	3	54.989	49.81	

6906 9.0 2.6174 −0.0008 −15.848 +0.241 $29^{\circ}2557$

73. 5.23	1	14 31 8.933	29 2 16.88	Z.C. δ $16''.8$
77. 5.29	3	8.836	16.39	$+1^{m}$
77. 5.30	3	8.977	17.10	

6907 $7^{m}.4$ $2^{s}.6898$ $+0^{s}.0001$ $-15''.841$ $+0''.247$ $25^{\circ}2804$

73. 5.24	3	$14^{h}31^{m}17^{s}.627$	25° $0'$ $29''.80$	
74. 5.30	3	17.639	28.47	
76. 5.29	3	17.637	28.86	

6908 9.0 2.6645 −0.0002 −15.834 +0.245 $26^{\circ}2586$

73. 5.30	3	14 31 24.990	26 26 11.25	
76. 6. 1	3	24.768	12.62	
78. 5.23	3	24.832	12.61	

6909 8.4 2.6288 −0.0007 −15.831 +0.242 $28^{\circ}2349$

80. 5.29	3	14 31 28.867	28 22 46.54	
80. 6. 4	3	28.665	48.50	
81. 5.31	3	28.699	49.00	
81. 6. 8	3	28 685	49.02	

6910 9.6 2.6489 −0.0004 −15.831 +0.244 $27^{\circ}2399$

73. 5.15	3	14 31 29.493	27 16 56.11	v.ft.
73. 6 2	2	29.430	56.63	
77. 5.17	2	29.222	56.76	
80. 5.31	3	29.379	55.22	ex. ft.

6911 8.5 2.6256 −0.0007 −15.826 +0.242 $28^{\circ}2350$

79. 5.29	3	14 31 33.871	28 32 38.91	
83. 6. 5	2	34.003	38.55	clds.
83. 6. 8	3	33.922	39.63	

6912 var. 2.6485 −0.0004 −15.820 +0.244 $27^{\circ}2400$

77 5.17	1	14 31 40.792	27 16 47.13	Z.C. δ $47''.2$
80. 5.28	3	40.622	47.83	
83. 5.30	3	41.018	46.40	
83. 5.31	3	40.814	47.64	

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6913 9.0 2.6151 −0.0008 −15.811 +0.242 $29^{\circ}2560$

77. 5.30	3	14 31 51.389	29 4 9.44	
80. 5 25	3	51.689	9.58	
84. 5.21	5	51.673	5.77	
84. 5.23	7	51.657	7.62	
84. 5.26	4	51.756	8.50	

6914 8.4 2.6211 −0.0007 −15.788 +0.243 $28^{\circ}2351$

80. 5.29	3	14 32 16.333	28 41 26.78	
81 5.31	3	16.103	24.95	
86. 6. 8	5	16.178	24.91	
86. 6. 9	7	16.073	27.43	

6915 8.5 2.6747 0.0000 −15.765 +0.248 $25^{\circ}2806$

73. 5.24	3	14 32 41 672	25 41 57.07	
76. 5.29	3	41.690	56.27	
79. 5.30	3	41.745	55.58	

6916 9.3 2.6522 −0.0003 −15.754 +0.246 $27^{\circ}2401$

78. 5.18	3	14 32 54 886	26 54 56.08	
81. 6. 1	3	54.924	55.64	
83. 6. 1	3	54.922	56.31	
85. 5.29	6	54.855	55.59	
85. 6. 3	6	54.859	57.13	
85. 6. 4	7	54.713	56.76	

6917 9.0 2.6046 −0.0008 −15.749 +0.242 $29^{\circ}2562$

77. 5.29	3	14 32 60.105	29 28 16.03	
80. 5.28	3	59.966	14.56	
83. 6. 4	3	60.018	14.73	
92. 5.14	7	60.155	12.99	

6918 $9^{m}.5$ $2^{s}.6778$ $+0^{s}.0001$ $-15''.744$ $+0''.249$ 25°2807

74. 5.30	3	$14^{h}33^{m}4^{s}.796$	25° 28′ 26″.39	
86. 5.27	5	5.363	26.57	v. ft.
86. 5.28	5	5.138	27.13	v. ft.
86. 5.29	7	5.090	25.84	
86. 6. 1	4	4.873	26.38	ex. ft.

6919 9.5 2.5937 −0.0009 −15.742 +0.241 30°2540

89. 5.31	6	14 33 7.800	30 1 24.00	
93. 5.18	7	7.602	23.16	

6920 8.3 2.6835 +0.0002 −15.739 +0.249 25°2808

73. 5.24	3	14 33 11.528	25 8 9.78	
74. 5.30	2	11.506	7.49	
76. 5.29	1	11.258	9.09	
88. 5.31	7	11.467	7.94	

6921 7.9 2.6184 −0.0006 −15.732 +0.244 28°2352

73. 6. 6	3	14 33 18.928	28 41 48.58	
79. 5.29	3	18.927	50.21	
83. 5.30	3	18.823	49.19	
83. 6. 5	3	18.901	50.44	

6922 8.6 2.6500 −0.0002 −15.714 +0.247 27°2403

73. 5.15	3	14 33 38.818	26 56 44.29	
76. 5.19	3	38.863	42.71	
76. 6.10	3	38.729	42.47	
78. 5.18	3	38.802	41.86	

6923 8.2 2.6424 −0.0003 −15 704 +0.246 27°2404

73. 5.15	2	14 33 49.376	27 20 48.46	
73. 6. 2	3	49.362	50.30	
76. 6.10	3	49.202	47.01	

6924 9.5 2.6099 −0.0006 −15.698 +0.244 — —

73. 5.23	3	14 33 55 942	29 3 48.23	
92. 5 18	4	56.165	43.21	ex. ft.

6925 9.3 2.6854 +0.0002 −15.680 +0.250 24°2753

73. 5.24	2	14 34 15.972	24 53 38.21	†

6926 9.3 2 6244 −0.0004 −15.664 +0.245 28°2354

83. 6. 6	3	14 34 34.019	28 12 35.14	† v. ft.

6927 9.3 2.6089 −0.0006 −15.664 +0.245 29°2564

77. 5.29	3	14 34 34.280	29 1 43.38	Z.C. δ 41″.7
80. 5.22	3	34.369	40.87	
81. 5.30	3	33.373	42.55	
81. 5.31	3	34.263	40.53	
81. 6. 1	3	34.286	41.20	

6928 9.3 2.6588 0.0000 −15.663 +0.249 — —

78. 5.23	3	14 34 34.729	26 20 47.95	†

6929 8.2 2.6098 −0.0006 −15.656 +0.245 29°2565

77. 5.30	3	14 34 42.168	28 57 53.09	
77. 6. 9	3	42.392	51.53	
80. 5.28	3	42.132	52.94	
81. 5.31	2	42.299	51.79	
83. 5.23	3	42.207	53.04	
88. 6.13	7	42.275	52.08	

6930 $8^{m}.3$ $2^{s}.6583$ $0^{s}.0000$ $-15''.651$ $+0''.249$ 26°2590

73. 5.30	3	$14^{h}34^{m}47^{s}.614$	26° 20′ 49″.95	
76. 6. 1	3	47.451	51.28	
78. 5.23	3	47.700	49.95	

6931 8.3 2.5985 −0.0007 −15.647 +0.244 29°2566

77. 5.30	3	14 34 51.952	29 31 48.69	Z.C. α $51^{s}.81$
80. 6. 4	3	51.745	47.81	
83. 5.31	3	51.822	47.90	−5′
83. 6. 1	3	51.725	50.22	
91. 6.11	7	51.821	51.50	

6932 8.6 2.6282 −0.0004 −15.634 +0.246 28°2356

79. 5.29	3	14 35 6.457	27 56 14.89	Z.C. δ 14″.7
81. 6. 8	3	6.509	13.71	
85. 5.29	6	6.393	14.38	
85. 6. 1	6	6.587	15.82	
85. 6. 3	6	6.479	14.75	

6933 8.6 2.6512 0.0000 −15.614 +0.249 26°2591

76. 6. 1	3	14 35 28.021	26 39 6.11	
80. 5.29	3	28.150	6.99	
81. 6. 1	3	27.954	5.96	

6934 9.1 2.6089 −0.0005 −15.608 +0.246 28°2358

73. 6. 6	3	14 35 34.908	28 53 53.99	
79. 5.29	3	34.871	55.89	
80. 5.28	3	35.115	55.83	
83. 5.23	1	35.003	55.40	
83. 5.31	3	35.028	54.61	
84. 5.23	7	34.991	55.01	
84. 5.26	7	35.069	54.45	
84. 5.27	7	34.992	54.87	+ 1′
85. 6. 4	7	34.913	55.54	
89. 6. 4	5	34.874	54.65	

6935 8.6 2.5886 −0.0007 −15.603 +0.244 30°2549

77. 5.29	3	14 35 40.377	29 55 45.29	Z.C. δ 45″.8
77. 5.30	1	40.527	46.24	
83. 5.30	3	40.420	45.87	
86. 6. 8	7	40.316	45.72	
86. 6. 9	5	40.280	45.79	

6936 9.4 2.6834 +0.0004 −15.597 +0.253 24°2759

73. 5.24	3	14 35 46.736	24 50 14.28	
74. 5.30	3	46.693	13.00	
76. 5.29	3	46.628	15.23	

6937 7.7 2.5944 −0.0006 −15 587 +0.245 29°2568

73. 5.23	3	14 35 58.056	29 36 0.97	Z.C. δ 0″.6
77. 5.29	2	58 099	0 38	
80. 5.28	2	58.084	0.45	

6938 9.5 2.6687 +0.0002 −15 576 +0.252 25°2815

86. 5.28	3	14 36 10.295	25 36 10.42	ex. ft. bad
93. 6. 2	5	9.936	10.04	

6939 8.6 2.6183 −0.0004 −15.575 +0.248 28°2360

73. 6. 6	3	14 36 11.105	28 19 24.12	
88. 5.31	7	11.045	26.11	

6940 7.5 2.6782 +0.0004 −15.574 +0.253 25°2816

76. 5.29	2	14 36 11.500	25 4 27.40	
79. 5.30	3	11.518	27.15	
80. 6. 4	3	11.653	27.56	

6941	$7^{m}9$	$2^{s}6518$	$0^{s}0000$	$-15''568$	$+0''250$	26°2592
73.	5.30	3	$14^{h}36^{m}17^{s}966$	26° 31′	$3''24$	
74.	6. 9	3	18.144		4.03	
74.	6. 9	2	17.984		4.40	
76.	6. 1	3	17.992		4.78	
6942	9.0	2.6772	+0.0004	−15.544	+0.254	25°2817
79.	5.30	3	14 36 44.481	25 3	51.21	Z.C. δ $51''3$
81.	5.30	3	44.529		52.18	
81.	6. 8	3	44.629		50.44	
6943	9.4	2.6519	+0.0001	−15.526	+0.251	26°2594
73.	5 30	3	14 37 4.385	26 24	56.26	
81.	5.31	3	4.559		55.65	
83.	6. 4	3	4.640		57.75	
6944	8.9	2.6693	+0.0003	−15.509	+0.253	25°2819
74.	5.30	3	14 37 23.127	25 25	33.73	
76.	5.29	2	22.852		35.25	
81.	6. 1	3	23.204		35.32	
6945	8.9	2.6777	+0.0004	−15.502	+0.255	25°2820
80.	6. 4	3	14 37 29.766	24 56	44.04	
83.	5.25	3	29.517		46.35	
85.	5.29	6	29.597		43.51	
85.	6. 1	6	29.588		45.11	
85.	6. 3	6	29.588		45.24	
6946	8.1	2.5900	−0.0005	−15.502	+0.246	29°2570
77.	5.29	3	14 37 29.786	29 37	14.08	Z.C. δ $14''1$
83.	5.23	3	29.736		15.51	
83.	5.31	3	29.671		12.59	
6947	8.7	2.6666	+0.0003	−15.488	+0.254	25°2821
79.	5.30	3	14 37 44.909	25 31	59.42	Z.C. δ $60''1$
81.	6 8	2	44.999		59.15	
83.	5.30	3	44.952		59.37	
83.	6. 5	3	44.978		62.34	clds.
6948	9.0	2.6339	−0.0001	−15.481	+0.251	27°2411
73.	5.15	3	14 37 52.923	27 16	53.53	Z.C. δ $52''9$
73.	6. 2	3	52.971		52.36	
77.	5.17	2	52.791		52.91	
6949	8.5	2.6356	0.0000	−15.479	+0.251	27°2412
78.	5.18	3	14 37 54.532	27 11	23.39	Z.C. δ $23''4$
79.	6.10	3	54.594		23.93	
80.	5.31	3	54.632		22.82	
6950	5.9	2.6380	0.0000	−15.478	+0.251	27°2413
73.	6 2	2	14 37 55.751	27 3	38.02	
83.	5.25	2	55.552		37.37	
84.	5.23	7	55.765		36.00	
6951	9.4	2.6709	+0.0004	−15.476	+0.254	25°2823
73.	5.30	3	14 37 58.060	25 15	55.02	Z.C. δ $55''3$
81.	5 30	2	58 146		55.59	
81.	6. 1	3	58.005		55.19	
6952	9.3	2.5867	−0.0005	−15.465	+0.247	29°2573
77.	5.29	2	14 38 10.032	29 41	53.95	Z.C. δ $53''4$
80.	5.28	3	10.110		52.31	
83.	6. 1	3	9.927		53.41	
89.	6. 4	5	10.018		53.96	
6953	$9^{m}5$	$2^{s}5861$	$-0^{s}0005$	$-15''449$	$+0''247$	29°2574
80.	5.22	3	$14^{h}38^{m}27^{s}067$	29° 41′	$51''61$	
93.	5.31	2	27.410		51.35	
6954	9.0	2.6185	−0.0001	−15.444	+0.251	28°2363
73.	6. 6	3	14 38 32.602	28 1	15.20	
83.	5.30	2	32.503		17.15	
83.	5.31	3	32.449		15.57	
6955	9.0	2.6328	+0.0001	−15.417	+0.253	27°2415
83.	6. 4	3	14 39 1.366	27 12	29.98	
83.	6. 8	2	1.402		30.64	v. ft.
6956	8.4	2.6678	+0 0005	−15.409	+0.256	25°2826
74.	5.30	3	14 39 10.784	25 17	31.51	
76.	5.29	3	10.642		33.42	
6957	2.3	2.6241	0.0000	−15.389	+0.252	27°2417
87.	6.10	7	14 39 31.556	27 36	7.48	Z.C. δ $7''8$
87.	6.13	7	31.582		7.62	Z.C. Ep. 88.1
87.	6.20	7	31.575		8.75	
88.	5.31	7	31.616		8.08	
88.	6.13	7	31.715		7.67	
89.	5.31	7	31.739		7.47	
6958	8.2	2.6682	−0.0005	−15.388	+0.256	25°2829
79.	5.30	3	14 39 32.301	25 14	8.44	
80.	5.28	3	32.336		8.57	
80.	6. 4	3	32.340		8.67	
6959	9.0	2.5819	−0.0003	−15.362	+0.249	29°2575
80.	6. 4	3	14 40 0.514	29 42	32.95	+30′
81.	5.31	3	0.567		33.66	Z.C. α $0^{s}50$
81.	6. 1	3	0.459		33.76	
81.	6. 8	3	0.464		33.16	
84.	5.23	7	0.520		33.27	
6960	8.0	2.6131	0.0000	−15.328	+0.253	28°2365
72.	5.31	3	14 40 36.539	28 2	24.29	
73.	6. 6	3	36.283		23.87	
83.	5.31	3	36.312		23.90	
6961	8.9	2.5728	−0.0004	−15.313	+0.249	30°2568
77.	5.29	3	14 40 52.581	30 2	57.47	Z.C. δ $56''9$
77.	5.30	2	52 680		56.70	
83.	6. 1	3	52.630		57.45	
91.	6.11	7	52.881		55.81	v. ft.
6962	8.2	2.6422	+0.0003	−15.309	+0.256	26°2598
73.	5.30	3	14 40 56.924	26 28	30.01	clds.
73.	6.12	3	56.976		29.62	
76.	6. 1	3	56.983		30.74	
6963	8.0	2.6047	−0.0001	−15.308	+0.252	28°2366
73.	6. 6	3	14 40 58.589	28 25	44.02	Z.C. δ $44''7$
80.	5.28	3	58.326		44.89	
81.	5.30	3	58.349		44.28	
83.	6. 4	3	58.313		44.74	
83.	6. 6	3	58.280		45 75	
6964	8.7	2.6671	+0.0006	−15.296	+0.258	25°2831
74.	5.30	3	14 41 10.521	25 6	24.34	
76.	5.29	3	10.431		26.20	
79.	5.30	3	10.665		24.59	

6965 $9^m.4$ $2^s.6339$ $+0^s.0002$ $-15''.286$ $+0''.255$ $26^\circ 2599$

74.	6. 9	3	$14^h 41^m 20^s.865$	$26^\circ\ 51'\ 59''.47$	Z.C. $\delta\ 59''.1$
80.	5.31	2	20.904	59.04	
81.	5.31	3	20.827	58.81	

6966 9.5 2.5903 −0.0001 −15.260 +0.252 $29^\circ 2578$

93.	5.13	7	14 41 49.065	29 3 30.81	
93.	5.18	7	48.856	32.64	

6967 9.0 2.5992 0.0000 −15.255 +0.253 $28^\circ 2367$

72.	5.31	3	14 41 53.874	28 35 39.30	$+1^s$
79.	5.29	3	53.964	40.55	$+15'$
80.	6. 4	3	53.987	38.80	Z.C. $\alpha\ 53^s.94$
81.	6. 8	3	53.937	38.74	Z.C. $\delta\ 39''.3$
					Z.C. Ep. 78.4

6968 8.4 2.5962 −0.0001 −15.251 +0 253 $28^\circ 2368$

80.	5.28	3	14 41 58.044	28 44 12.96	
83.	5.30	3	58.108	12.20	
84.	5.23	5	58.241	12.26	

6969 9.0 2.6185 +0.0002 −15.248 +0.255 $27^\circ 2421$

73.	5.15	3	14 42 1.113	27 35 20.06	
74.	6.12	3	1.238	18.67	
76.	6.10	1	1.381	18.99	
77.	5.28	3	1.174	19.11	

6970 9.4 2.6345 +0.0004 −15.232 +0.257 $26^\circ 2602$

74.	6. 9	3	14 42 18.385	26 43 13.02	
76.	6. 1	3	18.376	13.76	
81.	5.30	3	18.452	13.33	
83.	6. 1	3	18.518	13.84	

6971 8.3 2.6482 +0.0005 −15.231 +0.258 $26^\circ 2603$

73.	5.24	3	14 42 19.294	25 59 41.51	
74.	5 30	3	19.287	40.71	
76.	5.29	3	19.108	41.13	
78.	5.23	3	19.307	41.45	
80.	6.12	3	19.448	40.46	
83.	6. 4	3	19.248	41.36	
92.	5.18	7	19.242	42.08	
92.	5.24	7	19.153	41.60	

6972 8.5 2.6674 +0.0007 −15.227 +0.259 $25^\circ 2835$

88.	5.31	7	14 42 23.697	24 57 26.63	
92.	5 14	7	23.759	24.98	

6973 9.4 2.6069 +0.0001 −15.225 +0.254 $28^\circ 2369$

81.	6. 1	2	14 42 25.545	28 8 24.59	Z.C. $\delta\ 24''.7$
85.	6. 4	6	25.534	24.82	$+1'$

6974 8.7 2 6081 +0.0001 −15.220 +0.254 $28^\circ 2370$

73.	6. 6	3	14 42 31.077	28 4 7.78	
83.	5.31	3	31.127	7.89	
83.	6. 6	3	30.875	10.15	
85.	6. 1	6	30.937	9.57	

6975 9.4 2.6380 +0.0004 −15.212 +0.258 $26^\circ 2605$

83.	6. 4	2	14 42 39.080	26 29 35.23	
92.	5.30	7	38.959	35.99	

6976 6.1 2.6677 +0.0007 −15.201 +0.260 $24^\circ 2779$

76.	5.29	3	14 42 50.670	24 53 14.69	Z.C. $\delta\ 14''.4$
79.	5.30	3	50.789	14.13	v. c. d. s. p.
84.	5.26	4	50.673	14.32	

6977 $9^m.3$ $2^s.6630$ $+0^s.0007$ $-15''.194$ $+0''.260$ $25^\circ 2837$

81.	6. 1	3	$14^h 42^m 58^s.715$	$25^\circ\ 7'\ 16''.46$	$+5'$
92.	5.17	4	58.527	14.13	Z.C. $\alpha\ 58^s.62$
					Z.C. $\delta\ 15''.3$

6978 9.5 2.5909 −0.0001 −15.186 +0.253 $28^\circ 2371$

80.	5.31	2	14 43 7.357	28 51 56.79	
86.	6. 1	5	6.959	58.72	v. ft.

6979 8.5 2.6628 +0.0007 −15.178 +0.260 $25^\circ 2838$

84.	5.26	2	14 43 14.965	25 6 20.83	
84.	5.30	3	14.722	20.83	
84.	6.10	4	14.988	20.02	

6980 9.1 2.6676 +0.0007 −15.177 +0.260 $24^\circ 2781$

80.	5.29	3	14 43 15.860	24 51 4.03	Z. C. $\delta\ 4''.0$
81.	5.31	3	15.616	4.02	
81.	6. 8	3	15.700	3.81	

6981 8.8 2.6410 +0.0005 −15.161 +0.259 $26^\circ 2606$

73.	5.30	3	14 43 32.360	26 14 6.47	
73.	6.12	3	32.408	6.92	
80.	6.12	2	32.550	4.43	
87.	6.10	5	32.462	2.96	

6982 8.9 2.6266 +0.0004 −15.158 +0.258 $27^\circ 2423$

73.	5.15	3	14 43 36.537	26 58 49.41	d. l.
74.	6.12	3	36.709	47.90	
76.	6.10	3	36.396	46.45	
77.	5.28	3	36.593	48.68	d. s.
84	5.27	4	36.364	48.06	d. s. f.

6983 6.8 2 6512 +0.0006 −15.151 +0 260 $25^\circ 2839$

73.	5.24	3	14 43 43.553	25 40 18.60	
74.	5.30	3	43.641	18.60	
76.	5.29	3	43.456	18.45	

6984 9.5 2.5671 −0.0002 −15.151 +0.252 $30^\circ 2571$

73.	5.23	3	14 43 43.699	29 58 8.40	Z.C. $\delta\ 9''.0$
77.	5.29	3	43.850	9.03	
77.	5.30	3	43.757	9.67	

6985 8.7 2.6336 +0 0005 −15.141 +0.259 $26^\circ 2607$

74.	6. 9	3	14 43 54.222	26 34 42.47	
78.	5.23	3	54.105	42.32	
80.	6. 4	3	54.270	41.81	

6986 8.4 2.6384 +0.0005 −15.116 +0.260 $26^\circ 2608$

73	6.12	3	14 44 20.547	26 16 49.81	
74.	6. 9	1	20.429	50.22	
76.	6. 1	3	20.414	50.54	
78.	5.23	2	20.363	50.43	

6987 7.0 2.6580 +0.0008 −15.112 +0.261 $25^\circ 2841$

73.	5.24	3	14 44 24.400	25 14 22.32	Z. C. $\delta\ 21''.4$
76.	5.29	1	24.235	21.03	
79.	5.30	3	24.325	20.85	
85.	6. 3	7	24.275	21.41	

6988 9.3 2.6015 +0 0002 −15.105 +0.256 $28^\circ 2373$

79.	5.29	2	14 44 30.993	28 9 35.67	
81.	5.30	3	31.145	34.11	
84.	5.27	2	31.021	35.51	
85.	6. 1	7	31.114	36.11	

6989	$6^{\mathrm{m}}2$	$2^{\mathrm{s}}5819$	$+0^{\mathrm{s}}0001$	$-15''101$	$+0''255$	29°2581
77. 5.29	3	$14^{\mathrm{h}}44^{\mathrm{m}}35^{\mathrm{s}}540$	$29^\circ\ 8'\ 4''72$			Z.C. δ 4″0
77. 5.30	3	35.447	4.26			
77. 6. 9	3	35.673	2.94			
85. 6. 4	7	35.481	4.24			
6990	9.4	2 5732	0.0000	−15.074	+0.254	29°2582
77. 5.30	3	14 45 3.240	29 30 44.38			Z.C. δ 43″5
81. 5.31	2	3.311	42.35			ex. ft.
83. 5.31	3	3.217	42.77			
83. 6. 4	3	3.175	44.47			
6991	9.5	2.5771	0.0000	−15.065	+0.255	— —
73. 5.23	3	14 45 13.268	29 18 2.47			†
6992	9.2	2.5856	+0.0001	−15.064	+0.255	28°2374
80. 6. 4	2	14 45 13.979	28 52 32.58			Z.C. δ 32″2
92. 5.14	7	14.071	31.79			
6993	9.4	2.5738	0.0000	−15.043	+0.255	29°2584
77. 5.29	3	14 45 35.952	29 24 41.31			Z.C. δ 41″2
80. 5.31	3	36.171	41.38			
81. 6. 1	3	36.008	40.88			
6994	9.1	2.5764	0.0000	−15.034	+0.255	29°2585
73. 5.23	3	14 45 45.537	29 15 35.93			
80. 6.12	3	45.618	35.68			+3°
83. 5.30	3	45.564	36.44			
87. 6.10	5	45.677	36.68			
6995	9.4	2.5748	0.0000	−15.020	+0.255	29°2587
80. 6. 4	2	14 45 59.481	29 18 52.87			
83. 5.31	3	59.313	53.97			
6996	8.9	2.6275	+0.0006	−15.012	+0.261	26°2614
73. 5.30	1	14 46 8.569	26 38 32.69			
73. 6.12	3	8.435	32.54			
76. 6. 1	3	8.457	33.73			
78. 5.23	3	8.411	34.09			
78. 6. 8	2	8.370	32.47			
6997	8.7	2.6535	+0.0008	−15.004	+0.263	25°2842
73. 5.24	3	14 46 16.208	25 16 14.73			Z.C. δ 14″4
74. 5.30	3	16.255	14.48			
74. 5.30	2	16.345	13.85			
76. 5.29	3	16.205	15.47			
79. 5 30	3	16.279	13.60			
79. 5.30	2	16.239	14.19			
6998	9.4	2.5740	+0.0001	−14.998	+0.256	— —
81. 6. 1	3	14 46 22.945	29 18 38.85			
92. 5.30	6	22.747	38.78			
6999	8.9	2.5591	0.0000	−14.989	+0.255	30°2577
81 5.30	3	14 46 31.830	30 1 6.07			Z.C. δ 6″6
81. 6. 8	3	31.891	6.21			
85. 6. 1	5	31.701	7.58			
7000	9.1	2.6064	+0.0004	−14.966	+0.260	27°2426
73. 5.15	3	14 46 55.503	27 37 54.76			
74. 6.10	3	55.605	54.50			
74. 6.12	3	55.429	54.98			
76. 6.10	3	55.534	54.38			

7001	$9^{\mathrm{m}}5$	$2^{\mathrm{s}}5770$	$+0^{\mathrm{s}}0002$	$-14''951$	$+0''257$	29°2589
77. 5.29	3	$14^{\mathrm{h}}47^{\mathrm{m}}10^{\mathrm{s}}818$	$29^\circ\ 3'\ 48''36$			†
7002	9.3	2.6069	+0.0005	−14.942	+0.260	27°2429
73. 5.15	3	14 47 19.675	27 33 43.60			
77. 5.28	3	19.821	44.43			
81. 5.31	3	19.836	43.97			
83. 6. 1	3	19.732	44.08			
85. 6. 3	7	19.812	43.21			
7003	8.3	2.5621	+0.0001	−14.941	+0.256	29°2590
77. 6. 9	3	14 47 21.083	29 46 14.24			
80. 6.12	3	21.074	14.46			
81 6. 8	3	21.142	14.83			
88. 6.13	7	21.027	14.28			
7004	8.0	2.5978	+0.0004	−14.940	+0.259	28°2377
72. 5.31	3	14 47 22.461	28 0 37.05			
73. 6. 6	3	22.022	36.40			
74. 6.13	3	22.281	38.01			
79. 5.29	3	22.093	38.75			
81. 6.14	2	22.209	38.95			
84. 6. 7	7	22.191	39.00			
84. 6.10	7	22.227	38.58			
7005	7.8	2.6181	+0.0005	−14.936	+0.261	27°2430
74. 6.10	2	14 47 26.157	26 58 40.37			
76. 6.10	3	25.976	38.96			
79. 6.10	3	26.033	40.69			
84. 5.26	7	26.021	40.28			
84. 5.27	7	25.864	40.20			
84. 5 30	3	25.905	39.09			
86. 6. 1	7	26.054	40.36			
7006	9.4	2.5856	+0.0003	−14.933	+0.258	28°2378
83. 6. 6	3	14 47 29.143	28 36 33.19			ex. ft.
85. 6. 4	6	28.823	31.66			
7007	9.1	2.5775	+0.0003	−14.925	+0.258	29°2591
73. 5.23	1	14 47 37.790	28 59 28.04			
92. 5.14	7	37.869	26.16			
7008	8.0	2.5763	+0.0003	−14.912	+0.258	29°2592
73. 5.23	3	14 47 50.817	29 1 2.43			
77. 5.30	3	50.775	2.89			
83. 5.30	3	50.656	3.26			
87. 6.10	2	50.703	1.75			
89. 5.31	7	50.732	5.31			
89. 6. 4	7	50.745	2.89			
7009	9.5	2.6158	+0.0006	−14.907	+0.262	27°2432
80. 5.31	3	14 47 56.087	27 2 24.80			Z.C. δ 25″4
81. 5.30	3	55.966	24.96			
83. 6. 4	2	55.974	26.52			
7010	8.6	2.6483	+0.0009	−14.895	+0.265	25°2845
73. 5.24	3	14 48 8.143	25 20 25.76			Z.C. δ 25″3
73. 5.30	3	8.204	25.20			
76. 5.29	2	7.947	25.48			
81. 6. 1	3	8.102	24.88			

7011	9^{m}4	2^{s}5945	+0^{s}0004	−14″890	+0″260	28°2379
72.	5 31	2	14^{h}48^{m}13^{s}268	28° 4′ 42″57		
80.	5.31	3	13.020	43.77		
80.	6. 4	3	13.035	43.52		
81.	5.31	2	12.970	43.10		
7012	9.5	2.5835	+0.0004	−14.883	+0.259	— —
73.	6. 6	3	14 48 20.232	28 36 34.84		†
7013	9.5	2.6328	+0.0008	−14.861	+0.265	26°2621
83.	6. 1	3	14 48 43.222	26 4 59.29		†
7014	9.0	2.6075	+0.0006	−14.829	+0.263	27°2434
73.	5.15	3	14 49 15.397	27 18 41.66		
74	6.10	3	15.327	41.34		
76.	6.10	3	15.319	40.02		
85.	6. 1	7	15 509	41.63		
7015	8.3	2.6133	+0.0006	−14.827	+0.263	27°2435
74	6.12	3	14 49 17.506	27 0 43.97		
76.	6.10	2	17.337	44.81		
77.	5.28	3	17.503	44.29		
79.	6.10	3	17.488	44.41		
85.	6. 3	5	17.429	43.34		
85.	6. 4	6	17.421	44.15		
7016	9.5	2.6414	+0.0009	−14.822	+0.266	25°2848
73.	5.24	3	14 49 22.712	25 34 11.27		†
7017	9.5	2.6080	+0.0006	−14.818	+0 263	— —
73.	5.15	3	14 49 27.289	27 15 47.87		†
7018	8.6	2.6308	+0.0009	−14.804	+0.266	26°2623
73.	6.12	3	14 49 40.925	26 5 4.23		
74.	6. 9	3	40.988	4.78		
74.	6. 9	3	40.928	5.23		
76.	6. 1	3	40.923	5.72		
78.	6. 8	3	40.875	4.10		
80.	6. 4	3	40.939	4.31		
83.	5.30	3	40.965	4.81		
83.	6. 1	3	41.024	5.25		
86.	6. 1	5	40.901	4.99		
7019	8.7	2.5904	+0.0005	−14.797	+0.262	28°2381
72.	5.31	2	14 49 48.854	28 5 60.11		
73.	6. 6	3	48.679	59.77		
74.	6.13	3	48.845	60 87		
79.	5.29	3	48.710	61.47		
7020	9.2	2.5605	+0.0003	−14.796	+0.259	29°2597
81.	6. 1	3	14 49 48.970	29 33 28.11		
92.	5.17	7	49.105	24.30		
7021	9.4	2.6044	+0 0007	−14 760	+0.264	27°2437
77.	5.28	3	14 50 25.986	27 20 20.71		† Z.C. δ20″7
7022	6.7	2.6521	+0.0011	−14.757	+0.268	24°2798
84.	5.26	4	14 50 28.586	24 53 36.28		
84.	5.27	7	28.408	35.90		§
84.	5.30	3	28.338	36.05		

7023	9^{m}2	2^{s}5540	+0^{s}0003	−14″750	+0″259	29°2598
73.	5.23	3	14^{h}50^{m}35^{s}614	29° 46′ 44″68		Z.C. δ 44″2
77.	5.29	3	35.522	44.62		
77.	5.30	3	35.559	44.06		
80.	5.31	3	35.580	43.44		
7024	8.2	2.6382	+0.0010	−14.746	+0.267	25°2850
73.	5 24	3	14 50 40 123	25 35 32.77		
76.	5.29	3	40.010	33.84		
79.	5.30	3	40.056	32.97		
81.	5 30	3	40.130	31.94		
81.	6. 8	3	40.157	32.74		
7025	8.3	2.5488	+0.0003	−14.729	+0.258	30°2587
73.	5.23	3	14 50 57.357	29 58 50.20		Z.C. δ 49″3
77.	6. 9	3	57.300	48.81		
81.	5.31	3	57.266	48.85		ft.
83.	6. 4	3	57.207	49.32		
7026	9.0	2.5660	+0.0004	−14.718	+0.261	29°2599
81.	6.14	1	14 51 8.181	29 8 26.70		Z.C. δ 25″6
84.	5.30	4	8.015	24.97		
84.	6. 7	3	8.065	25.20		
7027	8.8	2.5672	+0.0004	−14.714	+0.261	29°2600
77.	5.29	3	14 51 12.423	29 4 12.99		Z.C. δ 12″1
77.	5.30	3	12.499	12.10		
77.	6. 9	3	12.411	10.97		
85.	6. 4	5	12.388	12.22		
7028	9.4	2.5467	+0.0003	−14.706	+0.259	30°2590
80.	5.31	3	14 51 20.503	30 2 20.38		Z.C. δ 19″4
80.	6. 4	3	20.891	18.43		
7029	8.5	2.6422	+0.0011	−14.702	+0.269	25°2851
74.	5 30	3	14 51 24.201	25 18 48.26		
74.	5.30	2	24.301	46.19		
76.	5.29	3	24.119	47.59		
79.	5.30	3	24.309	46.37		
85.	6. 3	7	24.104	46.80		
7030	8.9	2.6202	+0.0009	−14.701	+0.267	26°2626
73.	6.12	3	14 51 25.485	26 26 10.60		Z.C. δ 11″1
74.	6. 9	3	25.507	10.78		
76.	6. 1	3	25.377	11.82		
86.	6. 1	5	25.483	11.26		
7031	9.0	2.6230	+0.0009	−14.699	+0.267	26°2625
81.	5.30	3	14 51 28.028	26 16 59.36		
81.	6. 8	3	27.863	59.21		
84.	6. 7	3	28.001	59.31		
7032	7.5	2.6311	+0.0010	−14.672	+0.268	25°2853
73.	5.24	3	14 51 54.964	25 49 34.65		
75	6.24	3	54.956	34.94		
76.	5.29	3	54.883	35 34		
77.	6.14	3	54.942	34.66		
85.	6. 1	7	54.964	35.78		
7033	9.3	2.6423	+0.0012	−14.667	+0 270	25°2854
79.	5.30	2	14 51 59.288	25 14 37.92		
81.	5.31	3	59.294	37.55		
81	6. 1	3	59.293	38.87		
87.	6 10	7	59.400	38.32		

7034 $9^m.5$ $2^s.5694$ $+0^s.0005$ $-14''.662$ $+0''.262$ 28°2384

72.	5.31	3	$14^h 52^m 4^s.812$	28° 51′ 56″.60	
73.	6. 6	3	4.659	56.95	
80.	5.31	1	5.247	57.15	§
80.	6. 4	3	4.803	56.24	

7035 7.5 2.6432 +0.0012 −14.655 +0.270 25°2855

73.	5.24	3	14 52 11.736	25 10 34.70	
76.	5.29	1	11.559	35.71	
77.	6.14	3	11.701	34.35	
89.	5.31	7	11.600	35.87	
89.	6. 4	7	11.542	35.52	

7036 8.0 2.5451 +0.0004 −14.634 +0.260 30°2591

73.	5.23	3	14 52 32.777	29 58 16.95	
77.	5.29	3	32.855	15.34	
77.	5.30	3	32.861	15.12	
80.	6.12	3	32.782	14.90	
83.	6. 1	3	32.886	15.94	

7037 7.0 2.5995 +0.0008 −14.619 +0.266 27°2438

73.	5.15	3	14 52 47.539	27 19 6.96	Z.C. α $47^s.54$
74.	6.10	3	47.589	5.70	
74.	6.12	3	47.529	5.74	
76.	6.10	3	47.549	5.76	
77.	5.28	3	47.604	5.66	
81.	6. 1	3	47.545	6.27	
84.	5.26	7	47.587	7.38	
84	5.27	7	47.369	6.59	

7038 9.1 2.5595 +0.0005 −14.591 +0.262 29°2604

83.	6. 1	3	14 53 15.550	20 12 37.84	
92.	5.14	7	15.692	35.03	

7039 7.0 2.6337 +0.0011 −14.586 +0.270 25°2856

73.	5.24	3	14 53 20.460	25 32 55.98	
73.	5.30	3	20.447	54.44	
77.	6.14	3	20.395	54.12	
85.	6. 3	5	20.592	54.67	
85.	6. 4	6	20.409	54.78	

7040 8.8 2.5879 +0.0007 −14.564 +0.266 27°2440

73.	5.15	3	14 53 42.726	27 47 20.65	
73.	6.12	3	42.779	19.89	
76.	6.10	3	42.513	19.44	

7041 9.0 2.5873 +0.0008 −14.538 +0.266 27°2441

73.	5.15	3	14 54 9.096	27 46 19 59	
74.	6.10	3	9.047	20.10	
74.	6.12	3	9.267	21.61	Bad intervals
76.	6.10	3	9.054	21.20	-5^s

7042 8.3 2.5889 +0.0008 −14.518 +0.266 27°2442

77.	5.28	3	14 54 28.999	27 39 24.40	Z.C. δ 24″.1
79.	6.10	3	29.075	23 81	
86.	6. 1	7	29.096	24.22	

7043 9.3 2.6123 +0.0011 −14.491 +0 270 26°2637

73.	6.12	3	14 54 55.287	26 27 41 13	
92.	5.17	7	55 526	38.45	

7044 9.1 2.6103 +0.0011 −14.469 +0.270 26°2638

73.	6.12	2	14 55 17.262	26 31 14.28	
76.	6. 1	3	17.272	14.59	
78.	5.23	3	17.319	14.45	

7045 $8^m.0$ $2^s.5569$ $+0^s.0006$ $-14''.459$ $+0''.264$ 29°2609

72.	6. 4	3	$14^h 55^m 27^s.356$	29° 5′ 12″.00	Z.C. δ 12″.4
73.	5.23	3	27.375	12.82	
77.	5.29	3	27.218	13.49	
81.	5.30	3	27.386	11.98	−1′
81.	5.31	3	27.324	11.42	−1′
81.	6. 1	3	27.414	12.41	

7046 8.7 2.6145 +0.0011 −14.458 +0.271 26°2640

74.	6. 9	3	14 55 28.283	26 17 39.21	
74.	6. 9	2	28.252	39.26	
76.	6. 1	3	28.299	39.69	
78	6. 8	3	28.203	37.88	
85.	6. 3	6	28.409	39.24	
85.	6. 4	7	28.237	39 31	

7047 9.4 2.6271 +0.0013 −14.428 +0.273 25°2859

73.	5.24	3	14 55 57.942	25 36 39.23	
74.	5.30	3	58.014	39.00	
76.	5.29	3	57.955	39.78	

7048 8.9 2.5359 +0.0006 −14.422 +0.263 30°2601

92.	5.18	7	14 56 3.917	29 59 58.29	
92.	5.24	7	3.835	60.08	
93.	5.13	7	3.933	57.83	–
93.	5.24	7	3.990	57.90	
93.	5.25	7	3.805	58.82	

7049 8.9 2.6308 +0.0013 −14.397 +0.274 25°2860

79.	5.30	3	14 56 28.266	25 22 25.25	
80.	6. 4	3	28.291	24.87	
80.	6.12	3	28.105	25.58	
81.	6. 8	3	28.226	24.69	
83.	6. 6	3	28.172	26.99	
87.	6 10	7	28.163	24.33	

7050 4.8 2.6280 +0.0013 −14.387 +0.274 25°2861

76.	5.29	3	14 56 37 824	25 30 13.13	
79.	5.30	3	38.149	12.08	
84.	5.27	4	38.039	11.29	
84.	5 30	3	37.886	11.72	
85.	6. 1	6	38.068	12.21	

7051 9.4 2.5522 +0.0007 −14.383 +0.265 29°2611

72.	6. 4	3	14 56 42.327	29 10 22.23	Z.C. δ 21″.3
73.	5.23	3	42.242	21.21	−15′
77.	5.30	3	42.263	21.87	
80.	5.31	3	42.376	21 37	
81.	5.30	3	42.331	20.48	
81.	5.31	3	42.339	20.73	
83.	6. 1	3	42.287	21.52	

7052 8.6 2.6405 +0.0014 −14.380 +0.275 24°2811

73.	5.24	3	14 56 45.479	24 51 27.12	
83.	5.30	3	45.483	27.03	
83.	5 31	3	45.479	27.16	
87.	6.18	5	45.469	27.12	

7053 8.9 2.5432 +0.0006 −14.371 +0.265 29°2612

81.	6. 1	3	14 56 53.965	29 33 53.23	Z.C. δ 53″.6
84.	6. 7	3	53.974	53.29	
87.	6.13	5	53.828	53.74	
89.	6. 4	5	53.959	54.32	

7054 8$^{\mathrm{m}}$8 2$^{\mathrm{s}}$5776 +0$^{\mathrm{s}}$0009 −14″351 +0″268 27°2445

73.	5.15	3	$14^{h}57^{m}13^{s}891$	27° 54′ 40″09	Z.C. δ 39″1
81.	6. 8	3	14.071	38.38	
83.	5.31	2	14.030	38.75	

7055 9.0 2 5732 +0.0009 −14.350 +0.268 28°2389

72.	5.31	3	14 57 14.629	28 7 6.96	
79.	5.29	2	14.602	6.91	
83.	6. 8	3	14.930	8.98	

7056 8.3 2.6289 +0.0014 −14.338 +0.274 25°2863

76.	5.29	3	14 57 26.262	25 22 25.21	
83.	6. 4	3	26.293	24.66	
84.	5.26	3	26.317	25.64	
84.	5.27	4	26.196	25.55	
84	6.10	3	26.139	24.61	

7057 9.3 2.5994 +0.0011 −14.319 +0.272 26°2644

76.	6. 1	3	14 57 45.405	26 48 14.96	
78.	6. 8	3	45.392	12.50	
80.	5.31	3	45.541	14.48	

7058 7.0 2.5585 +0.0008 −14.318 +0.267 28°2391

79.	5.29	3	14 57 46.379	28 45 29.83	
81.	6. 1	3	46.461	28.72	
84.	6.11	4	46.363	30.39	
85.	6. 3	6	46.418	29.31	

7059 8.9 2.5351 +0.0007 −14.304 +0.265 29°2614

73.	5.23	3	14 57 60.054	29 49 19.00	
77.	5.30	2	60.179	18.01	
81.	5.31	3	60.149	17.11	
83.	6. 4	3	59.998	18.09	D + 30″

7060 9.1 2.6169 +0.0013 −14.304 +0.274 25°2864

73.	5.24	3	14 58 0.184	25 55 4.86	
79.	5.30	3	0.191	4 59	
80.	5.29	1	0.494	5.68	

7061 7.6 2.6036 +0.0012 −14.279 +0.273 26°2646

76.	6. 1	3	14 58 23.834	26 31 45.49	
78.	6. 8	3	23 738	44.66	
79.	6 18	3	23.810	44.21	−5′

7062 7.2 2.5821 +0.0011 −14.276 +0.271 27°2446

73.	5.15	3	14 58 26.684	27 34 17.00	+5′
84.	5.26	5	26.572	15.96	
84.	6.10	5	26.439	15.62	
84.	6.12	3	26.508	15.74	
87.	6.13	5	26.589	15.27	

7063 8.8 2.5586 +0.0009 −14.273 +0.268 28°2392

72.	5.31	3	14 58 30.562	28 40 42.29	Z.C. δ 42″1
81.	5.30	3	30.224	41.98	

7064 9.0 2.5320 +0.0007 −14.252 +0.266 29°2617

77.	5.30	3	14 58 50.665	29 52 34.30	n. p. of 2. −10$^{\mathrm{s}}$
81.	6. 1	3	50.630	33.10	n. p. of 2. −10$^{\mathrm{s}}$
81.	6. 8	3	50.879	31.01	Z.C. δ 33″3
83.	6. 6	3	50.592	34.27	
92.	5.24	4	50.412	33.72	

7065 9$^{\mathrm{m}}$0 2$^{\mathrm{s}}$5188 +0$^{\mathrm{s}}$0006 −14″248 +0″265 30°2608

83.	5.31	1	$14^{h}58^{m}54^{s}795$	30° 27′ 64″56	
92.	5.17	7	54.688	59.95	

7066 7.9 2.5383 +0.0008 −14.244 +0.267 29°2618

72.	6. 4	3	14 58 58.634	29 33 61.41	
83.	6. 6	1	58.741	62.63	
84.	5.30	4	58.512	61.63	
84.	6.14	7	58.543	59.19	

7067 Fundamental Star 27°2447

7068 9.3 2.5594 +0.0009 −14.235 +0.269 28°2395

80.	5.31	3	14 59 7.462	28 34 31.86	
83.	6. 8	3	7.482	33.94	

7069 9.3 2.5700 +0.0010 −14.233 +0.270 28°2396

79.	5.29	3	14 59 8.744	28 4 28.46	Z.C. δ 28″0
81.	5.30	3	8.804	27.20	
81	5.31	3	8.772	28.35	

7070 8.5 2 6304 +0.0015 −14.225 +0.276 25°2867

73.	5.24	3	14 59 16.739	25 7 23.43	Z.C. α 16$^{\mathrm{s}}$68
76.	5.29	3	16.623	24.07	
84.	6.12	5	16.665	23.84	−30′

7071 8.0 2.6136 +0.0013 −14.223 +0.274 26°2647

76.	6. 1	3	14 59 19.148	25 57 2.42	
78.	6. 8	2	19.019	1.15	
79.	6.18	3	19.096	2.12	

7072 9.4 2.6329 +0.0015 −14.212 +0.276 25°2868

84.	6. 7	2	14 59 29 300	24 58 20.25	† w. 5.7 rejected

7073 9.1 2 6323 +0.0016 −14.203 +0.277 25°2869

83.	6. 4	3	14 59 38.449	24 59 28.10	w. 6 + 10$^{\mathrm{s}}$
92.	5.18	7	38 485	26.66	

7074 9.4 2.6152 +0.0014 −14.173 +0.275 25°2870

85.	6. 3	6	15 0 7.371	25 47 43.22	
92.	5.30	6	7.242	44.53	

7075 9.4 2.5697 +0.0011 −14.170 +0.271 28°2398

72.	5.31	3	15 0 9.902	27 58 40.31	
79.	5.29	1	9.885	40.09	
80.	5 31	3	10.114	41.07	

7076 8.0 2.5359 +0.0009 −14.131 +0.268 29°2621

81.	6. 1	3	15 0 47.853	29 29 3.17	Z.C. δ 2″6
81.	6. 8	3	47.860	2.05	

7077 8.8 2.6213 +0.0015 −14.129 +0.277 25°2871

73.	5.24	3	15 0 49.836	25 25 22.59	
76.	5 29	3	49.907	24.46	
79.	5.30	3	50.040	23.42	
79.	5.30	2	50.020	24.14	

7078 8.4 2.5262 +0.0008 −14.127 +0.267 29°2622

72.	6. 4	3	15 0 51.998	29 54 59.34	Z.C. δ 59″9
73.	5.23	3	52.129	60.33	
76.	6.20	3	52.234	59.56	
77.	5.29	3	52.048	60.28	
77.	5.30	2	52.024	59.86	

7079 $8^m.3$ $2^s.5902$ $+0^s.0013$ $-14''.121$ $+0''.274$ 27°2450

73.	5.15	3	15^h	0^m	$57^s.381$	26°	55′	20″.04	
74.	6.12	3			57.262			20.40	
76.	6.10	3			57.375			19.50	

7080 8.4 2.5309 +0.0009 −14.110 +0.268 29°2624

80	6. 4	3	15	1	8.372	29	40	36.18	Z.C. δ 36″.7
83.	6. 6	3			8.381			37.29	

7081 8.8 2.5353 +0.0009 −14.106 +0.269 29°2626

77.	6. 9	3	15	1	11.713	29	28	4.29	Z.C. δ 4″.8
81.	5.30	3			11.728			4.83	
81.	5.31	3			11.744			4.73	
81.	6. 1	1			11.517			4.28	
90.	5.13	5			11.734			6.07	

7082 9 2 2.5443 +0.0010 −14.106 +0.270 29°2625

73.	5.23	3	15	1	12.341	29	3	47.07	†

7083 8.0 2.5410 +0.0010 −14.078 +0.271 29°2627

72.	6 4	2	15	1	39.909	29	9	18.29	Z.C. δ 19″.2
77.	5.30	2			39.912			18.51	
83.	6. 4	3			39.929			19.01	
83.	6. 6	1			39.979			21.02	
86.	6. 1	5			39.953			19.49	
90.	5.14	7			40.046			18.91	

7084 4.9 2.6207 +0.0016 −14.068 +0.278 25°2873

73.	5.24	3	15	1	48.615	25	21	26.38	
76.	5.29	3			48.596			25.93	
77.	6.14	3			48.711			25.88	

7085 9.1 2.5995 +0.0014 −14.062 +0.276 26°2653

81.	5.30	2	15	1	54.690	26	22	56.56	Z.C. δ 57″.7
81.	5.31	1			54.656			58.38	
81.	6. 8	3			54.495			58.16	

7086 9.2 2.6193 +0.0016 −14.052 +0.278 25°2874

73.	5.24	2	15	2	4.120	25	23	59.37	ft. †
76.	5.29	2			3.728			60.61	D + 10″
80.	5.31	3			3.688			65.10	

See Z.C. Errata

7087 9.0 2.5699 +0.0012 −14.028 +0.274 27°2456

84.	5.26	3	15	2	27.125	27	43	50.38	
84.	5.30	4			27.007			51.50	
84.	6. 7	5			27.222			52.42	

7088 9.0 2.5412 +0.0011 −14.022 +0.272 29°2628

73.	5.23	3	15	2	32.333	29	3	33 28	Z.C. δ 33″.2
77.	5.29	3			32.476			34.30	
77.	6. 9	2			32.283			32.14	

7089 7.3 2.5421 +0.0011 −14.012 +0.272 29°2629

76.	6.20	3	15	2	42.781	28	59	56.33	Z.C. δ 56″.2
77.	5.30	1			42.801			55.92	
80.	6. 4	3			42.686			55.50	
80.	6 19	3			42.533			56.35	
85.	6. 3	6			42.711			56.34	
90.	5.20	7			42.689			55.71	
90.	5.23	7			42.772			57.12	

7090 $7^m.9$ $2^s.5806$ $+0^s.0014$ $-14''.003$ $+0''.276$ 27°2457

73.	5.15	3	15^h	2^m	$51^s.296$	27°	11′	29″.59	Z.C. $\alpha\ 51^s.20$
74.	6.12	3			51.175			28.89	
76.	6.10	3			51.127			28.61	

7091 6.3 2.5889 +0.0014 −13.994 +0.276 26°2656

73.	6.12	3	15	2	59.991	26	46	52.89	Z.C. δ 53″.1
74.	6. 9	3			60.003			53.36	
76.	6. 1	3			60.048			53.21	
77.	6.15	2			59.927			53.48	
78	6. 8	3			59.864			51.94	
79	6.18	3			60.138			53.62	

7092 9.3 2.6070 +0.0015 −13.993 +0.278 25°2875

74.	5.30	3	15	3	0.297	25	54	41.18	Z.C. δ 41″.0
81.	6. 8	2			0.498			41.34	
84.	6.11	6			0.656			40.62	

7093 6.3 2.6133 +0 0016 −13.984 +0.279 25°2876

80.	6.12	3	15	3	8.912	25	35	17.04	
85.	6. 4	7			8.819			15.81	
90.	5.21	7			8.932			16.50	

7094 9.4 2.5193 +0.0009 −13.979 +0.269 30°2613

80.	6. 4	3	15	3	14.226	29	58	44.63	Z.C. δ 45″.1
83.	5.30	3			14.122			45.19	
83.	6. 1	3			13.958			45.62	

7095 9.4 2.5463 +0.0011 −13.961 +0.273 28°2401

72.	5.31	3	15	3	31.593	28	43	18.73	Z.C. δ 18″.3
73.	6. 6	3			31.314			16.66	clds.
81.	6. 1	3			31.669			19.41	

7096 9.3 2 5735 +0.0013 −13.941 +0.276 27°2459

77.	5.28	3	15	3	50.386	27	25	35.79	
80.	5 31	3			50.355			36.19	
83.	6. 4	3			50.852			36.55	
90.	5.22	6			50.565			36.12	

7097 9 0 2.5475 +0.0011 −13.939 +0.273 28°2403

74.	6.13	3	15	3	51.742	28	37	35.00	v. ft.
81.	6.14	3			51.808			37.19	
83.	6. 1	3			51.700			34.39	
84.	5.26	5			51.683			33.23	
90.	6. 9	7			51.812			33.08	

7098 9.5 2.5729 +0.0013 −13.935 +0.276 — —

77.	5.28	2	15	3	55.777	27	26	48.97	† Z.C. δ 49″.0

The interval (between wires 6 and 7) which should be $14^s.0$ is only $13^s.0$: probably wire 7 should be increased 1^s.

7099 9.1 2.5455 +0.0011 −13.930 +0.273 28°2405

74.	6.13	2	15	4	0.611	28	42	28.87	
76.	6.16	3			0.334			30.02	
81.	5.30	3			0.464			28.53	
86.	6. 1	7			0.325			29.59	+ 15′
89.	6. 4	7			0.434			28.47	
89.	6.17	7			0.388			27.55	
90.	5.28	7			0.510			28.59	

7100 7.3 2.6207 +0.0017 −13.929 +0.281 25°2877

73.	5.24	3	15	4	1.614	25	9	8.24	
74.	5.30	3			1.571			9.00	
76.	5.29	3			1.607			8.96	
88.	6.13	6			1.601			8.53	
92.	5.31	7			1.721			10.72	

7101 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.5450$ $+0^{\mathrm{s}}.0011$ $-13''.921$ $+0''.273$ 28°2406

72. 5.31	3	15^{h}	4^{m}	$9^{\mathrm{s}}.588$	28°	43′	$2''.03$	
73. 6. 6	3			9.410			1.51	clds.
80. 6. 4	2			9.703			3.37	
81. 5.31	3			9.486			3.03	
84. 6. 7	3			9.359			4.43	

7102 9.2 2.5526 +0.0012 −13.889 +0.274 28°2407

80. 5.31	3	15	4	39.420	28	19	14.05	
83. 5.30	3			39.141			14.12	
84. 6.10	5			39.455			12.71	+ 5′
84. 6.14	7			39.383			12.02	

7103 9.0 2.5466 +0.0012 −13.888 +0.274 28°2408

80. 6.12	3	15	4	40.381	28	35	34.35	Z.C. α $40^{\mathrm{s}}.36$
83. 6. 6	3			40.310			36.36	
84. 5.30	4			40.275			34.86	
84. 5.30	1			40.380			34.61	
90. 5.30	7			40.441			32.47	

7104 8.5 2.5967 +0.0016 −13.873 +0.279 26°2658

73. 6.12	3	15	4	54.738	26	13	31.18	
76. 6. 1	3			54.705			31.26	
77. 6.15	3			54.851			30.59	
79. 6.18	3			55.001			31.46	v. ft.

7105 8.1 2.6029 +0.0016 −13.867 +0.280 25°2879

75. 6.24	3	15	5	0.622	25	55	8.94	Z.C. δ $8''.9$
76. 5.29	3			0.655			9.22	+5′
77. 6.14	3			0.627			8.03	
81. 6. 8	3			0.715			8.65	
90. 5.23	7			0.792			9.81	

7106 8.0 2.5608 +0.0013 −13.865 +0.275 27°2461

73. 5.15	3	15	5	2.854	27	53	54.06	
74. 6.12	3			2.749			53.39	
76. 6.10	3			2.676			51.81	
79. 6.10	3			2.578			54.00	
81. 6.14	3			2.723			55.81	

7107 9.4 2.6009 +0.0016 −13.861 +0.280 26°2659

73. 6.12	2	15	5	6.578	26	0	18.84	
76. 6. 1	3			6.703			18.95	
78. 5.23	3			6.606			19.03	
90. 5.14	7			6.855			19.08	

7108 9.0 2.6066 +0.0017 −13.861 +0.281 25°2880

73. 5.24	3	15	5	6.615	25	43	49.07	
74. 5.30	3			6.717			49.38	
80. 6.12	2			6.972			49.62	
83. 6. 1	3			6.683			50.37	
90. 5.12	5			6.925			49.50	
90. 5.13	4			6.941			49.83	

7109 7.3 2.5199 +0.0011 −13.827 +0.272 29°2633

72. 6. 4	3	15	5	38.468	29	42	15.64	Z.C. δ $14''.3$
77. 5.30	3			38.325			14.71	
77. 6. 9	3			38.505			13.40	
85. 6. 3	7			38.518			13.50	

7110 9.5 2.6045 +0.0017 −13.807 +0.281 25°2882

83. 6. 6	3	15	5	57.355	25	45	11.85	†

7111 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.5115$ $+0^{\mathrm{s}}.0011$ $-13''.797$ $+0''.272$ 30°2620

72. 6. 4	3	15^{h}	6^{m}	$7^{\mathrm{s}}.285$	30°	1′	$34''.43$	
73. 5.23	3			7.191			36.32	
76. 6.20	3			7.146			36.36	
88. 6.13	7			7.250			36.02	

7112 9.0 2.5406 +0.0013 −13.764 +0.275 28°2409

72. 5.31	3	15	6	38.630	28	39	58.31	
73. 6. 6	3			38.465			59.07	
74. 6.13	3			38.709			62.49	
76. 6.16	3			38.463			59.30	−1′
89. 6. 4	5			38.372			61.80	

7113 9.2 2.5074 +0.0011 −13.734 +0.272 30°2624

73. 5.23	3	15	7	6.051	30	6	19.83	Z.C. δ $18''.8$
77. 5.30	3			5.855			18.60	
77. 6. 9	3			5.994			17.84	

7114 9.1 2.5196 +0.0012 −13.713 +0.274 29°2636

72. 6. 4	2	15	7	26.354	29	31	49.26	
76. 6.20	3			26.206			49.87	

7115 9.0 2.5448 +0.0013 −13.711 +0.277 28°2411

76. 6.19	3	15	7	27.605	28	23	41.32	
80. 6. 4	3			27.774			40.27	

7116 7.9 2.5446 +0.0013 −13.709 +0.277 28°2412

72. 5.31	3	15	7	29.623	28	24	3.43	
73. 6. 6	3			29.534			3.00	
76. 6.19	3			29.495			2.50	
80. 6. 4	3			29.714			3.97	
80. 6.12	2			29.556			2.52	
85. 6. 4	6			29.491			1.98	
90. 5.20	5			29.718			0.29	
90. 6. 2	7			29.554			0.31	

7117 8.5 2.6126 +0.0019 −13.707 +0.284 25°2884

73. 5.24	3	15	7	31.531	25	13	5.56	
74. 5.30	3			31.586			6.20	
74. 5.30	3			31.596			5.29	
76. 5.29	3			31.609			7.32	
87. 6.10	7			31.654			4.78	
90. 5.21	7			31.761			4.87	

7118 9.4 2.5964 +0.0017 −13.698 +0.283 26°2664

73. 6.12	3	15	7	40.310	25	58	52.21	Z.C. δ $52''.0$
76. 6. 1	3			40.254			51.98	
77. 6.15	3			40.545			51.94	
78. 6. 8	3			40.197			51.97	

7119 9.0 2.5092 +0.0012 −13.666 +0.273 29°2637

76 6.20	1	15	8	10.254	29	54	58.08	Z.C. δ $58''.4$
77. 5.30	3			10.033			58.97	
77. 6. 9	3			9.951			58.29	

7120 9.5 2.5252 +0.0013 −13.658 +0.276 29°2638

73. 5.23	3	15	8	17.570	29	11	39.42	†

7121 9.5 2.5055 +0.0012 −13.639 +0.274 30°2627

80. 5.31	3	15	8	35.589	30	2	5.90	Z.C. δ $5''.5$
81. 6. 8	3			35.637			3.64	
89. 6. 4	5			35.649			6.95	v. ft.

7122 9^m.0 2^s.5893 +0^s.0017 −13″.631 +0″.283 26°2666

73. 6.12	3	15^h	8^m	42^s.928	26°	13′	25″.79	d.f.
76. 6. 1	3			42.837			26.80	d.s.f.
77. 6.15	3			43.016			26.24	
90. 5.14	7			43.108			26.07	s.f.

7123 9.4 2.5238 +0.0013 −13.619 +0.276 29°2639

77. 5.30	3	15	8	53.900	29	11	52.99	Z.C. δ 53″.6
83. 5.30	3			53.947			53.52	
83. 6. 6	3			53.806			54.18	

7124 9.1 2.6171 +0.0019 −13.614 +0.286 24°2831

73. 5.24	3	15	8	58.874	24	52	14.45	
76. 5.29	3			58.888			16.02	
77. 6.14	3			58.766			14.96	
90. 5.28	7			59.109			14.51	

7125 5.6 2.5133 +0.0013 −13.596 +0.275 29°2640

72. 6. 4	3	15	9	15.548	29	37	43.69	
73. 5.23	1			15.538			44.83	
76. 6.20	1			15.669			44.22	
90. 6. 9	7			15.476			45.74	

7126 9.4 2.5998 +0.0019 −13.568 +0.285 25°2887

73. 5.24	3	15	9	42.177	25	38	12.16	
74. 5.30	3			41.943			11.85	
80. 5.31	3			42.447			13.96	
83. 6. 1	3			42.273			12.95	
85. 6. 4	6			42.238			12.83	

7127 8.8 2.5174 +0.0014 −13.545 +0.276 29°2641

77. 5.30	3	15	10	3.130	29	22	11.61	
77. 6. 9	3			3.077			9.87	
82. 6.20	3			3.429			10.86	
84. 6.11	3			3.054			11.28	

7128 9.3 2.6156 +0.0020 −13.530 +0.287 24°2834

84. 6. 7	3	15	10	17.086	24	50	10.99	
84. 6.14	3			16.976			8.64	
85. 6. 3	7			16.843			9.51	

7129 6.8 2.5887 +0.0018 −13.529 +0.284 26°2670

73. 6.12	3	15	10	17.716	26	6	22.35	
74. 6. 9	3			17.763			22.03	
74. 6. 9	2			17.693			21.19	
76. 6. 1	3			17.758			22.06	
77. 6.15	3			17.816			22.68	§
79. 6.18	3			17.800			21.84	
84. 5.30	4			17.634			22.61	
84. 6.10	6			17.842			21.18	
84. 6.12	4			17.745			22.02	

7130 8.3 2.5510 +0.0016 −13.517 +0.281 27°2468

74. 6.12	3	15	10	29.566	27	49	27.77	D + 10″
76. 6.10	3			29.387			26.95	Z.C. δ 27″.2
77. 5.28	3			29.463			27.37	
77. 6. 5	3			29.524			26.69	

7131 8.7 2.5066 +0.0013 −13.508 +0.276 29°2643

72. 6. 4	3	15	10	37.232	29	47	28.42	
83. 5.30	3			37.348			30.09	
83 6. 6	3			37.165			29.63	

7132 9^m.3 2^s.4989 +0^s.0013 −13″.506 +0″.276 30°2632

77. 6. 9	3	15^h	10^m	39^s.126	30°	7′	7″.41	Z.C. δ 8″.4
83. 6. 4	3			39.137			7.96	
87. 6.13	5			39.125			9.77	

7133 8.5 2.5693 +0.0017 −13.502 +0.283 27°2469

74. 6.12	3	15	10	43.224	26	58	4.31	Z.C. δ 3″.6
76. 6.10	2			42.856			2.75	
77. 6. 5	2			43.284			2.37	
84. 5.30	3			43.066			4.08	
84. 6.11	3			42.852			5.07	
84. 6.14	2			43.175			2.84	

7134 9.0 2.6079 +0.0020 −13.494 +0.287 25°2888

74. 5.30	3	15	10	50.887	25	8	54.03	Z.C. δ 54″.2
76. 5.29	3			50.822			54.90	
77. 6.14	3			50.999			54.09	
83. 6. 1	3			50.874			53.78	
89. 6. 4	5			50.937			54.13	

7135 9.4 2.6102 +0.0020 −13.475 +0.288 25°2889

88. 6.13	7	15	11	7.728	25	1	17.38	
90. 5.13	6			7.864			19.73	v. ft.

7136 9.1 2.5957 +0.0019 −13.462 +0.286 25°2890

76. 5.29	3	15	11	20.178	25	40	58.37	w. 5 + 10^s
84. 6. 7	3			20.359			56.91	[w. 6 + 20^s
90. 6. 2	7			20.254			56.27	

7137 8.2 2.5839 +0.0019 −13.451 +0.285 26°2671

73. 6 12	3	15	11	30.652	26	12	60.41	
76. 6. 1	3			30.679			61.32	§
77. 6.15	3			30.851			60.56	
79. 6.18	3			30.744			61.18	
90. 5.30	7			30.866			58.61	

7138 9.3 2.5518 +0.0016 −13.448 +0.282 27°2471

77. 5.28	3	15	11	33.081	27	41	17.94	Z.C. δ 18″.4
80. 5.31	3			33.245			18.94	

7139 8.7 2.5234 +0.0015 −13.437 +0.279 29°2646

76. 6.20	3	15	11	43.619	28	56	39.27	
77. 5.30	3			43.452			40.31	
80. 6. 4	3			43.564			38.71	

7140 8.3 2.5952 +0.0020 −13.434 +0.286 25°2891

73. 5.24	3	15	11	46.484	25	39	60.35	
74. 5.30	3			46.474			59.99	
76. 5.29	2			46.410			59.83	

7141 9.0 2.5114 +0.0014 −13.432 +0.277 29°2647

73. 5.23	3	15	11	47.794	29	27	34.67	†

7142 8.8 2.5148 +0.0015 −13.428 +0.278 29°2648

72. 6. 4	2	15	11	51.860	29	18	19.98	
82. 6.20	3			51.883			21.83	
84. 6.12	4			51.895			22.22	
86. 6.24	5			51.773			21.47	−15′

7143 7.9 2.5552 +0.0017 −13.409 +0.283 27°2474

76. 6.10	3	15	12	9.014	27	28	31.39	Z.C. δ 32″.1
77. 5.28	2			9.247			32.95	
77. 6. 5	3			9.098			31.81	
79. 6.10	3			9.109			32.05	
79. 6.10	3			9.219			32.50	

7144	9^{m}.2	2^{s}.4964	+0^{s}.0014	−13″.397	+0″.276	30°2637
77.	6. 9	3	15^{h} 12^{m} 20^{s}.460	30° 3′ 41″.70		
90.	5.28	7	20.631	42.17		
7145	9.0	2.5110	+0.0015	−13.396	+0.278	29°2649
76.	6.20	3	15 12 21.146	29 25 31.02		Z.C. δ 32″.0
77.	5.30	2	21.123	32.31		
90.	6. 9	7	20.985	32.56		
7146	9.5	2.4944	+0.0014	−13.378	+0.276	30°2639
·81.	5.30	2	15 12 37.530	30 7 18.85		† Z.C. δ 18″.8
7147	9.5	2.5766	+0.0019	−13.378	+0.286	26°2674
73.	6.12	1	15 12 37.571	26 27 30.72		Z.C. Ep. 78.4
76.	6. 1	3	37.514	31.70		§
83.	6. 4	3	37.884	35.75		
7148	9.0	2.5269	+0.0015	−13.361	+0.281	28°2416
72.	5.31	3	15 12 52.802	28 40 28.84		
73.	6. 6	3	52.964	28.29		
76.	6.19	3	52.849	29.02		
7149	9.5	2.5976	+0.0020	−13.359	+0.288	25°2894
89.	6. 4	2	15 12 55.497	25 27 17.05		†
7150	6.5	2.5576	+0.0017	−13.354	+0.284	27°2477
74.	6.12	3	15 12 59.553	27 17 41.74		Z.C. δ 42″.1
76.	6.10	3	59.542	43.68		
77.	6. 5	2	59.753	40.83		
7151	8.5	2.5163	+0.0015	−13.343	+0.280	29°2651
73.	5.23	3	15 13 10.260	29 6 46.63		Z.C. δ 45″.9
77.	6. 9	2	10.307	45.69		
80.	6.12	3	10.228	45.51		
7152	8.4	2.5801	+0.0019	−13.330	+0.287	26°2676
73.	6.12	3	15 13 21.829	26 13 50.23		
76.	6. 1	3	21.812	51.16		§
77.	6.15	3	21.727	50.71		
7153	8.0	2.5922	+0.0020	−13.316	+0.288	25°2896
73.	5.24	3	15 13 34.575	25 39 2.26		
74.	5.30	3	34.620	1.89		
76.	5.29	3	34.611	2.19		
81.	6.24	3	34.706	2.53		
84.	6. 7	5	34.751	2.47		
84.	6.11	4	34.600	3.40		+1^{m}
7154	8.3	2.5978	+0.0021	−13.312	+0.289	25°2897
77.	6.14	3	15 13 37.872	25 22 56.61		
80.	6.19	3	37.791	56.52		
82.	6.20	3	37.914	56.84		
84.	6.12	4	37.848	56.94		
87.	6.20	7	38.139	55.68		
90.	6. 2	7	37.912	55.56		
7155	8.0	2.5812	+0.0020	−13.309	+0.287	26°2677
74.	6. 9	3	15 13 41.388	26 9 6.30		
78.	6. 8	3	41.322	4.21		
79.	6.18	3	41.301	5.55		

7156	8^{m}.6	2^{s}.5256	+0^{s}.0016	−13″.303	+0″.281	28°2419
73.	6. 6	3	15^{h} 13^{m} 46^{s}.088	28° 39′ 8″.27		
84.	5.30	4	46.085	8.94		
84.	6.10	4	46.245	7.59		
84.	6.14	4	46.126	7.09		
7157	9.4	2.5900	+0.0020	−13.283	+0.289	25°2899
85.	6. 4	6	15 14 4.939	25 42 25.29		
88.	6.13	6	5.260	26.86		
90.	5.23	5	5.090	25.44		
7158	8.5	2.4927	+0.0015	−13.262	+0.278	30°2643
72.	6. 4	3	15 14 24.497	30 1 19.08		
73.	5.23	3	24.465	19.93		
76.	6.20	3	24.650	19.33		+5′
77.	5.30	2	24.457	18.98		+5′
80.	6.12	3	24.371	19.06		
90.	5.22	7	24.511	19.46		
7159	9.5	2.4907	+0.0015	−13.259	+0.278	30°2644
80.	5.31	3	15 14 27.189	30 6 18.80		† Z.C. δ 18″.8
7160	9.5	2.4896	+0.0015	−13.229	+0.279	— —
83.	6. 1	3	15 14 53.766	30 6 29.48		
90.	5.14	7	54.256	30.02		v. ft.
7161	9.1	2.5722	+0.0020	−13.228	+0.288	26°2680
73.	6.12	3	15 14 54.756	26 27 26.52		
74.	6. 9	3	54.702	26.13		
76.	6. 1	3	54.746	26.19		§
7162	6.0	2.4903	+0.0015	−13.225	+0.279	30°2647
73.	5.23	3	15 14 58.308	30 4 14.76		
76.	6.20	3	58.564	14.47		
84.	6.10	4	58.058	13.76		
7163	8.1	2.5332	+0.0017	−13.222	+0.284	28°2420
72.	5.31	3	15 15 0.844	28 12 7.05		
73.	6. 6	3	0.908	7.78		
76.	6.19	3	0.791	9.06		
90.	6. 9	7	0.936	8.17		
7164	9.3	2.6027	+0.0022	−13.215	+0.291	25°2900
81.	5.30	3	15 15 6.986	25 1 34.26		
87.	6.13	5	6.786	35.25		
90.	5.21	7	6.981	33.30		w.4 +1^{s}
7165	8.7	2.4983	+0.0015	−13.215	+0.280	29°2656
77.	5.30	3	15 15 7.143	29 42 59.79		Z.C. δ 59″.2
84.	6.14	3	7.039	57.85		
88.	6.25	7	7.013	59.85		
90.	5.28	7	7.084	59.24		
7166	8.4	2.4870	+0.0015	−13.213	+0.278	30°2648
72.	6. 4	3	15 15 9.326	30 11 43.68		
84.	6. 7	5	9.241	45.00		
84.	6.11	5	9.146	45.93		
84.	6.12	7	9.185	44.57		
7167	9.0	2.5996	+0.0022	−13.180	+0.291	25°2901
73.	5.24	3	15 15 38.476	25 8 8.60		
74.	5.30	3	38.593	9.51		
74.	5.30	2	38.703	7.83		
76.	5.29	3	38.547	8.91		
89.	6. 4	5	38.749	7.88		+1^{m}

7168	$6^{m}.0$	$2^{s}.5935$	$+0^{s}.0022$	$-13''.176$	$+0''.291$	25°2902
75.	6.24	1	$15^{h}15^{m}42^{s}.964$	$25°24'\ 34''.75$		Z.C. δ 35″.3
76.	5.29	3	42.651	35.83		
77.	6.13	3	42.948	35.43		
77.	6.14	3	42.749	35.34		
7169	8.1	2.5800	+0.0021	−13.171	+0.290	26°2681
74.	6. 9	3	15 15 47.444	26 1 19.15		Z.C. δ 19″.0
76.	6. 1	3	47.522	18.11		§
77.	6.15	3	47.502	19.42		
79.	6.18	3	47.530	18.35		
7170	9.0	2.5477	+0.0019	−13.170	+0.286	27°2478 A
74.	6.12	3	15 15 48.124	27 29 13.70		
76.	6.10	3	47.864	12.65		
77.	5.28	3	48.010	13.19		
77.	6. 5	2	48.207	13.45		
90.	5.30	7	48.280	12.61		
7171	9.0	2.5476	+0.0019	−13.168	+0.286	27°2478 B
74.	6.12	2	15 15 49.134	27 29 25.88		
76.	6.10	3	49.354	25.78		
77.	5.28	3	49.380	24.84		
77.	6. 5	3	49.417	24.68		
7172	7.0	2.6060	+0.0022	−13.147	+0.292	24°2850
92.	6. 7	7	15 16 8.860	24 47 38.24		
92.	6. 8	7	8.929	37.07		
7173	8.8	2.5483	+0.0019	−13.146	+0.286	27°2479
90.	5.13	7	15 16 9.670	27 25 36.72		
92.	5.30	7	9.535	37.49		
7174	9.1	2.5716	+0.0020	−13.140	+0.289	26°2683
84.	5.30	4	15 16 15.308	26 21 56.31		
84.	6.11	4	15.310	56.54		
90.	6. 2	5	15.466	55.56		
7175	9.5	2.5826	+0.0021	−13.132	+0.290	25°2903
85.	6. 4	7	15 16 22.617	25 50 59.58		†
7176	9.0	2.5381	+0.0018	−13.120	+0.286	27°2481
79.	6.10	3	15 16 33.250	27 50 53.34		
80.	5.31	3	33.291	53.40		
80.	6. 4	3	33.428	54.65		
7177	9.0	2.5233	+0.0018	−13.114	+0.284	28°2423
72.	5.31	3	15 16 39.337	28 29 24.15		
73.	6. 6	3	39.030	24.38		
76.	6.19	3	39.135	25.55		
7178	7.7	2.5852	+0.0021	−13.101	+0.291	25°2904
76.	5.29	3	15 16 50.145	25 41 34.17		Z.C. δ 33″.6
80.	6.12	3	50.249	33.08		
7179	9.1	2.6038	+0.0022	−13.097	+0.294	24°2853
77.	6.14	3	15 16 54.328	24 49 47.79		Z.C. α $54^{s}.43$
82.	6.20	3	54.463	49.26		
83.	6. 4	3	54.503	47.94		
90.	5.22	7	54.440	46.66		

7180	$9^{m}.4$	$2^{s}.4942$	$+0^{s}.0016$	$-13''.093$	$+0''.281$	29°2657
72.	6. 4	3	$15^{h}16^{m}57^{s}.879$	$29°42'\ 41''.00$		
73.	5.23	2	57.850	41.61		
77.	5.30	3	57.731	40.92		
80.	5.31	3	57.674	40.93		
7181	7.3	2.5766	+0.0021	−13.087	+0.290	26°2685
73.	6.12	3	15 17 2.985	26 4 21.24		
74.	6. 9	3	2.708	20.39		
76.	6. 1	3	2.974	20.35		
77.	6.15	3	3.016	20.65		
79.	6.18	3	2.891	21.35		−1 int.
7182	9.1	2.5356	+0.0018	−13.077	+0.286	27°2482
84.	6.10	3	15 17 12.061	27 53 52.17		
84.	6.14	4	12.244	49.84		
7183	7.5	2.5212	+0.0018	−13.057	+0.284	28°2425
72.	5.31	3	15 17 30.769	28 30 13.78		
73.	6. 6	3	30.704	13.87		
76.	6.16	3	30.810	14.63		
76.	6.19	3	30.715	15.84		
7184	9.4	2.5328	+0.0019	−13.043	+0.286	28°2426
83.	6. 1	3	15 17 42.832	27 58 35.74		†
7185	9.2	2.5314	+0.0019	−13.028	+0.286	28°2427
73.	6. 6	2	15 17 56.670	28 0 58.14		
83.	6. 1	3	56.882	61.99		
83.	6. 4	3	56.855	60.16		
90.	5.12	5	57.174	60.72		
90.	5.21	7	57.162	61.21		
7186	9.3	2.4947	+0.0017	−13.023	+0.282	29°2659 B
72.	6. 4	3	15 18 0.870	29 36 9.36		†
			See appendix 7184^{a}			
7187	9.4	2.5915	+0.0022	−13.021	+0.293	25°2905
84.	5.30	4	15 18 2.592	25 18 16.86		
87.	6.13	7	2.568	17.33		
90.	5.28	5	2.755	15.57		
7188	8.9	2.4975	+0.0017	−13.020	+0.283	29°2660
73.	5.23	3	15 18 4.200	29 28 43.91		Z.C. δ 43″.7
76.	6.20	3	4.186	43.20		
77.	5.30	3	4.056	43.53		
77.	6. 9	3	4.106	44.22		+1′
7189	8.0	2.5814	+0.0022	−12.992	+0.292	25°2908
74.	5.30	3	15 18 28.942	25 43 49.27		
74.	5.30	2	29.152	47.59		
76.	5.29	3	29.048	47.97		
77.	6.13	3	29.244	47.93		$+1^{m}$
77.	6.14	3	28.904	48.10		
7190	8.0	2.5860	+0.0022	−12.985	+0.293	25°2910
80.	6.12	3	15 18 35.332	25 30 39.21		
80.	6.19	3	35.471	38.67		
84.	6.12	7	35.594	39.69		
90.	5.30	6	35.642	38.22		
7191	9.1	2.5221	+0.0019	−12.975	+0.286	28°2429
84.	6.11	5	15 18 44.439	28 21 24.79		
84.	6.14	3	44.555	22.72		

7192	$9^{m}5$	$2^{s}.5876$	$+0^{s}.0023$	$-12''.910$	$+0''.294$	25°2911
89.	6. 4	5	$15^{h}19^{m}42^{s}.378$	25° 20′ 58″.14	† v. ft.	

7193	7.3	2.5893	+0.0023	−12.902	+0.294	25°2912
75.	6.25	3	15 19 49.726	25 15 42.36		
76.	5.29	2	49.724	41.50		
80.	6.12	3	49.655	40.98	clds.	
90.	5.22	7	49.799	40.45		

7194	8.6	2.4910	+0.0017	−12.900	+0.284	29°2663
72.	6. 4	3	15 19 51.346	29 35 16.32		
73.	5.23	3	51.203	16.44		
76.	6.20	3	51.357	16.58		

7195	8.8	2.5090	+0.0018	−12.896	+0.286	28°2431
72.	5.31	3	15 19 55.021	28 49 7.02		
76.	6.16	3	54.965	7.90		
80.	5.31	3	55.222	8.41		
90.	5.14	7	55.375	7.30		

7196	8.2	2.5481	+0.0021	−12.864	+0.290	27°2484
74	6.12	3	15 20 24.018	27 4 4.82		
76.	6.10	3	23.961	4.60		
77.	6. 5	3	24.035	4.24		
90.	5.31	7	24.319	4.01		
90.	6. 2	6	24.174	5.07	+ 1′	

7197	8.6	2.5390	+0.0020	−12.859	+0.290	27°2485
76	6.10	3	15 20 27.866	27 27 51.93	Z.C. δ 51″.9	
77.	6. 5	3	28.120	53.08		
79.	6.10	2	27.969	52 04		
84.	5.30	7	28.019	51.33		
84.	6.11	5	27.740	52.35		
90.	5.23	7	28.502	50.61		

7198	9.1	2.5892	+0.0023	−12.843	+0.295	25°2913
74.	5.30	3	15 20 42 794	25 11 40.31		
76.	5.29	3	42.644	40.40		
91.	6.11	6	42.806	39.37		

7199	9.0	2.4848	+0.0018	−12.836	+0.284	29°2664
77.	5.30	3	15 20 48.507	29 46 5.78		
84.	6.10	4	48.640	4.54		
84.	6.12	7	48.439	6.05	$+1^{m}$	

7200	8.5	2.5450	+0.0021	−12.828	+0.291	27°2487
79.	6.10	2	15 20 56.034	27 9 32.17		
80.	6.19	3	55.895	31.72		
83.	6. 6	3	55.920	32.72		

7201	7.5	2.5121	+0.0019	−12.806	+0.287	28°2432
72.	5.31	3	15 21 16.102	28 33 58.00		
80.	6.19	3	15.718	58.21		
83.	6. 6	2	15.953	60.42		

7202	9.3	2.5847	+0.0023	−12.802	+0.296	25°2914
87.	6.13	7	15 21 19.212	25 21 13.64	†	

7203	9.2	2.5276	+0.0020	−12.802	+0.289	27°2488
76.	6.10	1	15 21 19.583	27 53 20.49		
83.	5.30	3	19.608	21.92		
83.	6. 1	3	19.472	21.22		

7204	$8^{m}0$	$2^{s}.5287$	$+0^{s}.0020$	$-12''.801$	$+0''.289$	27°2489
79.	6.10	2	$15^{h}21^{m}19^{s}.608$	27° 50′ 27″.97		
83.	5.30	2	19.991	28.23		
83.	6. 1	2	19.854	29.94		
92.	5.30	7	19.980	27.79		

7205	8.3	2.4988	+0.0019	−12.784	+0.286	29°2667
72.	6. 4	3	15 21 34.960	29 6 21.14		
73.	5.23	3	34.797	22.71		
84.	6.11	5	34.687	22.06		
89.	6.22	5	35.072	20.87		

7206	7.8	2.5310	+0 0020	−12.780	+0.290	27°2491
83.	6.11	3	15 21 38.827	27 42 52.16		
86.	6.24	5	38.671	49.51		
86.	6.28	7	38.670	49.81		

7207	6.0	2.5788	+0.0023	−12 738	+0.296	25°2916
74.	5.30	3	15 22 16.178	25 32 16.76		
76.	5.29	3	16.240	16.39		

7208 Fundamental Star 29°2670

7209	9.4	2.5823	+0.0024	−12.710	+0.297	25°2918
80.	5.31	3	15 22 40.948	25 20 49.46	Z.C. δ 49″.6	
92.	6. 2	7	40.792	49.82		

7210	8.9	2.5518	+0.0022	−12.708	+0.293	26°2690
76.	6. 1	3	15 22 42.287	26 42 46.23		
79.	6.18	2	42.340	46.21		

7211	9.5	2.5831	+0.0024	−12.698	+0.297	25°2919
94.	6.19	7	15 22 50.935	25 17 52.44		
95.	5.31	7	51.008	53.13		
95.	6.12	7	51.284	52.00	v. ft.	

7212	9.5	2.5829	+0.0024	−12.689	+0.297	25°2920
93.	6. 2	7	15 22 60.037	25 17 50.58		
95.	6. 7	7	59.790	49.13		
95.	6. 8	2	59.522	47.78	clds.	
95.	6.15	7	59.961	50.18		
95.	6.17	6	60.122	48.18	v. ft. bad	

7213	8.4	2.5460	+0.0022	−12.686	+0.293	27°2493
76.	6.10	3	15 23 2.121	26 56 42.57	Z.C. δ 42″.8	
77.	6. 5	3	2.259	41.84		
79.	6.10	2	2.268	44.00		

7214	8.1	2.5657	+0.0023	−12.678	+0.295	26°2692
76.	6. 1	3	15 23 9.030	26 3 33.54		
84.	6.12	7	8.908	33.98		
84.	6.14	4	9.056	31.11		

7215	9.5	2.4991	+0.0019	−12.676	+0.288	29°2671
73.	5.23	3	15 23 10.959	28 57 19.57		
80.	5.31	3	10.970	18.53		

7216	8.7	2.5197	+0.0021	−12.667	+0.290	28°2435
72.	5.31	3	15 23 18.688	28 3 50.93		
87.	6.20	7	18.894	50.47		

7217	$7^{m}.3$	$2^{s}.5308$	$+0^{s}.0021$	$-12''.658$	$+0''.292$	27°2494
	76. 6.10	2	$15^{h}23^{m}27^{s}.078$	$27°34'9''.46$		
	79. 6.10	2	27.286	11.12		
	83. 6.26	3	27.371	12.32		
	84. 6.11	4	27.001	11.46		
7218	9.5	2.5910	+0.0025	−12.654	+0.299	24°2872
	93. 6. 3	7	15 23 30.720	24 53 29.25		
	93. 6. 5	7	30.785	30.99		
7219	8.3	2.5719	+0.0023	−12.652	+0.296	25°2922
	74. 5.30	3	15 23 32.162	25 45 6.12		
	75. 6.25	3	32.021	7.19		
	83. 5.30	3	32.391	6.82		
	84. 6.21	4	32.246	6.61		
7220	8.3	2.5305	+0.0021	−12.614	+0.292	27°2495
	76 6.10	1	15 24 5.939	27 31 48.76		Z.C. δ $49''.6$
	80. 6.19	3	5.704	49.78		
	83. 6.26	2	5 802	50.36		
7221	7.4	2.5658	+0.0024	−12.578	+0.297	26°2694
	73. 6.12	2	15 24 37.715	25 56 18.36		c.d.l.
	76. 6. 1	3	37.689	18.77		c.d.p.l.
	77. 6.15	2	37.594	18.61		c.d.p.
						Z.C. δ $18''.6$
7222	9.0	2.4859	+0.0020	−12.576	+0.288	29°2674
	72. 6. 4	3	15 24 38.920	29 22 41.98		Z.C. α $38^{s}.95$
	91. 6.11	7	38.985	46.46		
7223	8.5	2.5268	+0.0021	−12.574	+0.293	27°2496
	77. 6. 5	3	15 24 41.560	27 38 26.11		
	79. 6.10	2	41.382	28.86		
	83. 6. 1	3	41 299	29.23		
7224	9.5	2.4722	+0.0019	−12.562	+0.286	30°2666
	73. 5.23	3	15 24 51.825	29 56 3.01		
	92. 5.30	2	52.153	4.40		ex. ft.
7225	8.5	2.5687	+0.0024	−12.555	+0.297	25°2925
	77. 6.14	3	15 24 57.989	25 46 33.86		Z.C. δ $34''.2$
	81. 6.22	3	57.899	34.61		
7226	9.0	2.5065	+0.0021	−12.555	+0.291	28°2438
	92. 6. 2	7	15 24 58.066	28 29 6.10		
	92. 6. 7	7	58.049	6.95		
7227	8.1	2.5157	+0.0021	−12.546	+0.292	28°2439
	72. 5.31	3	15 25 5.632	28 5 13.14		
	76. 6.19	3	5.727	14.69		
	76. 6.24	3	5.770	13.23		
7228	9.0	2.4758	+0.0019	−12.533	+0.287	29°2677
	76. 6.20	3	15 25 17.079	29 44 47.76		
	84. 6.12	7	17.142	47.47		
7229	8.8	2.4927	+0.0020	−12.531	+0.289	29°2676
	77. 5.30	3	15 25 18.437	29 2 29.85		
	82. 6.20	3	18.490	30.09		
	84. 6.21	5	18.323	28.44		
7230	$9^{m}.1$	$2^{s}.5047$	$+0^{s}.0021$	$-12''.514$	$+0''.290$	28°2440
	83. 6.11	3	$15^{h}25^{m}34^{s}.003$	$28°30'40''.99$		
	84. 6.10	4	34.132	39.59		
	84. 6.11	5	33.800	39.86		
	84. 6.14	4	34.176	37.64		
7231	9.2	2.5875	+0.0025	−12.505	+0.300	24°2875
	87. 6.18	7	15 25 41.952	24 52 42.93		$+1^{m}$
	92. 5 31	1	41.914	42.27		
7232	8.5	2.5216	+0.0022	−12.489	+0.293	27°2499
	74. 6.12	3	15 25 55.993	27 45 56.21		D−20″
	76. 6.10	3	56.003	56.17		Z.C. δ $55''.6$
	77. 6. 5	2	55.879	54.46		
7233	9.3	2.5316	+0.0023	−12.487	+0.294	27°2500
	77. 5.28	3	15 25 57.661	27 19 31.69		
	79. 6.10	2	57.462	31.73		
	80. 6.21	3	57.535	32.27		
7234	8.3	2.5546	+0.0024	−12.483	+0.297	26°2697
	76. 6. 1	3	15 26 0.797	26 19 29.11		
	79. 6.18	3	0.762	28.90		
	80. 6.12	3	0.801	29.72		
	83. 6.26	3	0.865	29.74		
7235	9.3	2.5610	+0.0024	−12.482	+0.298	26°2698
	74. 6. 9	3	15 26 1.385	26 2 26.58		Z.C. δ $26''.9$
	76. 6. 1	1	1.473	26.69		
	80. 5.31	3	1.629	27.50		
7236	9.5	2.4799	+0.0021	−12.442	+0.289	29°2678
	73. 5.23	3	15 26 36.379	29 28 9.74		Z.C. δ $9''.4$
	77. 5.30	2	36.129	8.88		ex. ft.
	77. 6. 9	3	36.539	9.63		
7237	9.1	2.4966	+0.0021	−12.435	+0.291	28°2441
	73. 6. 6	3	15 26 42.961	28 45 33.62		
	76. 6.19	3	42.988	34.17		
	80. 6.21	3	43.083	34.41		
7238	9.1	2.5378	+0.0023	−12.435	+0.296	27°2501
	74. 6.12	3	15 26 43.156	27 0 2.02		
	76. 6.10	2	43.001	1.94		
	81. 6.22	2	43.345	2.10		
	85. 6. 4	7	43.265	1.32		
	90. 5.14	7	43.457	1.35		
	90. 5.30	7	43.369	1.80		
7239	8.7	2.4866	+0.0021	−12.379	+0.290	29°2680
	72. 6. 4	3	15 27 31.569	29 6 38.09		
	83. 6. 1	3	31.430	37.39		
	87. 6.20	5	31.493	36.34		
	90. 5.22	7	31.431	36.20		
7240	8.6	2.5161	+0.0022	−12.372	+0.294	27°2502
	84. 6.21	5	15 27 38.219	27 51 33.15		
	84. 6.25	4	38.173	32.49		
7241	9.3	2.5343	+0 0023	−12.365	+0.297	27°2503
	92. 6. 2	7	15 27 43.841	27 4 13.89		
	94. 6.19	7	43.532	13.72		

7242	$8^m.1$	$2^s.5139$	$+0^s.0022$	−12″.356	+0″.294	28°2443
72. 5.31	3	$15^h 27^m 51^s.543$	27° 56′ 18″.38			
83. 6.26	2	51.399	19.06			
84. 6.27	4	51.424	18.22			
7243	8.9	2.5271	+0.0023	−12 354	+0.296	27°2504
84. 6.10	4	15 27 53.468	27 21 56.43			v. ft.
84. 6.11	4	52.981	56.91			
7244	9.0	2.4691	+0 0021	−12.346	+0.289	29°2681
81. 6. 8	3	15 28 0.792	29 47 24.28			Z.C. δ 24″.9
84. 6.12	4	0.908	25.53			
7245	8.9	2.5337	+0.0023	−12.339	+0.297	27°2506
74. 6.12	3	15 28 6.868	27 4 2.45			
79. 6.10	2	6.929	3.13			
94. 6.21	7	6.847	4.48			
7246	8.5	2.4704	+0.0021	−12.311	+0.289	29°2682
72. 6. 4	2	15 28 31.420	29 41 45.00			Z.C. δ 45″.3
77. 5.30	3	31.225	45.53			
7247	8.7	2.5313	+0.0024	−12.307	+0.297	27°2507
76. 6.10	3	15 28 34.924	27 7 45.54			d.n.f.
87. 6.18	5	34.963	47.94			[w.4.5+1^s
92. 5.30	7	34.735	46.93			c.d.n.f.
7248	8.1	2.5356	+0.0024	−12.291	+0.297	27°2509
74. 6.12	1	15 28 48.081	26 55 46.12			
83. 6.26	1	48.097	47.52			
7249	9.3	2.4601	+0.0021	−12.276	+0.289	30°2676
83. 6.11	3	15 29 0.998	30 4 20.22			†
7250	9.3	2.5188	+0.0023	−12.262	+0.296	27°2510
84. 6.11	5	15 29 13.395	27 37 3.47			
92. 6. 7	5	13.413	3.38			
7251	9.4	2.5121	+0.0023	−12.257	+0.295	27°2511
79. 6.10	1	15 29 17.864	27 53 27.10			v. ft. bad bis^n.
92. 6. 9	4	17.862	27.19			v. ft. Z.C. δ 27″.1
7252	8.8	2.4726	+0.0021	−12.252	+0.291	29°2684
77. 5.30	2	15 29 22.292	29 31 45.43			+3 ints
85. 6. 4	6	22.249	45.70			
7253		Fundamental Star				27°2512
7254	8.5	2.5167	+0.0023	−12.249	+0.296	27°2514
76. 6.10	1	15 29 24.664	27 41 26.04			
84. 6.12	5	24.766	26.76			
7255	8.6	2.5252	+0.0024	−12.248	+0.297	27°2513
84. 6.10	5	15 29 25.469	27 19 47.00			
84. 6.14	3	25.262	44.54			
7256	8.2	2.5690	+0.0026	−12.246	+0.302	25°2932
72. 5.27	3	15 29 27.347	25 25 18.05			Z.C. δ 17″.6
77. 6.14	2	27.511	17.07			

7257	$9^m.0$	$2^s.5729$	$+0^s.0026$	−12″.245	+0″.302	25°2933
77. 6.14	2	$15^h 29^m 28^s.204$	25° 14′ 61″.82			Z.C. δ 0″.5
92. 6. 8	4	28.081	59.25			
7258	9.4	2.5818	+0.0026	−12.212	+0.303	24°2889
83. 6.11	3	15 29 57.285	24 49 14.74			
93. 5 31	7	57.012	9.93			
7259	9.4	2.5245	+0.0024	−12.208	+0.297	27°2515
93. 6. 2	7	15 29 59.764	27 18 41.02			
93. 6.12	7	59.915	42.11			
7260	9.5	2.5788	+0.0026	−12.208	+0.303	25°2935
93. 6. 3	7	15 30 0.049	24 56 48.35			
93. 6. 5	7	0.029	50.47			
7261	9.0	2.5447	+0.0025	−12.200	+0.300	26°2703
74. 6. 9	3	15 30 6.946	26 26 11.91			
74. 6. 9	3	7.056	11.82			
76. 6. 1	3	7.092	12.76			
79. 6.18	3	7.203	12.51			
7262	8 8	2.5758	+0 0026	−12.184	+0.303	25°2936
72. 5.27	3	15 30 20.821	25 3 33.78			
92. 6. 2	7	20.987	34.00			
7263	8 9	2 4805	+0.0022	−12.177	+0.293	29°2686
77. 5.30	3	15 30 27.430	29 7 9.33			Z.C. δ 9″.1
92. 6. 8	5	27.355	8.84			
7264	8 6	2.5606	+0.0026	−12.155	+0.302	25°2938
84. 6.11	5	15 30 46.312	25 41 41.45			
84. 6.12	4	46.338	41.60			
7265	9.0	2.5698	+0.0026	−12.154	+0.303	25°2937
84. 6.10	4	15 30 47.161	25 17 17.24			
84. 6.14	7	46.963	15.88			
92. 5.31	7	47.048	17.10			
7266	8.1	2.4870	+0.0022	−12.152	+0.294	28°2447
72. 5.31	3	15 30 48.773	28 49 27.18			
84. 6.25	4	48.907	28.77			
7267	9.5	2.4563	+0 0022	−12.142	+0.290	30°2679
72. 6. 4	2	15 30 57.447	30 3 57.64			†
7268	9.5	2.4674	+0.0022	−12.136	+0.291	29°2687
77. 5.30	2	15 31 2.442	29 36 40.84			Z.C. δ 42″.2
83. 6.11	2	2.103	44.50			−1^s
93. 6. 7	7	2.283	41.35			
7269	9.4	2.5735	+0.0027	−12.123	+0.304	25°2940
77 6.14	3	15 31 13.172	25 5 44.29			†
7270	9.0	2.5156	+0.0024	−12.117	+0.297	27°2517
74. 6.12	3	15 31 18.758	27 35 21.55			
76. 6.10	3	18.584	22.30			
77. 5.28	3	18.731	21.70			
7271	9.5	2.5052	+0.0023	−12.114	+0.296	28°2449
93. 6. 8	7	15 31 21.379	28 1 24.05			
93. 6.13	7	21.357	28.48			

7272	$9^m.2$	$2^s.5652$	$+0^s.0026$	−12″.101	+0″.304	25°2941
85. 6. 4	7	$15^h31^m32^s.608$		25° 26′ 21″.61		−5′
92. 6. 7	5	32.720		20.59		
7273	8.9	2.5245	+0.0025	−12.079	+0.299	27°2520
77. 6. 5	2	15 31 51.253		27 10 20.80		Z.C. δ 22″.5
77. 6.20	2	51.326		22.69		−20′
79. 6.10	3	51.360		23.20		
80. 6.12	3	51.316		23.21		
7274	8.8	2.4864	+0.0023	−12.041	+0.295	28°2451
72. 5.31	3	15 32 24.520		28 43 11.82		−10ˢ
73. 6. 6	3	24.391		11.02		
76. 6.19	3	24.208		12.69		+1°
92. 6. 2	6	24.429		12.31		
7275	9.5	2.5602	+0.0026	−12.036	+0.304	25°2942
77. 6.13	3	15 32 27.996		25 35 11.46		Z.C. δ 12″.3
81. 6.14	2	27.760		13.16		
7276	8.3	2.5494	+0.0026	−12.028	+0.303	26°2708
73. 6.12	3	15 32 35.010		26 2 50.86		Z.C. δ 50″.5
74. 6. 9	3	35.090		50.05		
76. 6. 1	3	35.071		50.14		
77. 6.15	3	35.183		51.09		
7277	9.2	2.5599	+0.0026	−12.016	+0 304	— —
77. 6.14	1	15 32 45.415		25 34 39.75		†Z.C. δ 39″.8
7278	8.8	2.5603	+0.0026	−12.013	+0.304	25°2943
72. 5.27	3	15 32 47.864		25 33 33.04		Z.C. δ 33″.2
77. 6.13	1	47.986		32.94		
77. 6.14	3	47.934		33.60		
7279	8.9	2.5738	+0.0027	−12.012	+0.306	25°2944
74. 5.30	3	15 32 48.501		24 58 2.65		Z.C. δ 2″.7
80. 6.19	3	48.446		2.80		Z.C. Ep. 81.4
80. 6.21	3	48.618		3.81		
90. 5.31	7	48.817		1.63		
7280	7.4	2.5744	+0.0027	−12.005	+0.306	24°2901
80. 6.12	2	15 32 54.655		24 55 57.85		
80. 6.19	2	54.612		57.53		
84. 6.11	7	54.647		58.19		−5′
84. 6.12	7	54.718		58.07		−5′
92. 5.30	7	54.752		57.60		
7281	8.0	2.5450	+0.0026	−11.947	+0.304	26°2712
74. 6 9	3	15 33 44.083		26 9 16.27		
74. 6. 9	2	43.993		16.02		
76. 6. 1	3	43.963		15.42		
77. 6 15	3	44.060		16.10		
79. 6.18	3	44.123		16.35		
83. 6. 1	3	44.116		16.27		
7282	9.2	2.4507	+0.0023	−11 918	+0.292	30°2688
72. 6. 4	3	15 34 8.914		30 1 46.05		
73. 5.23	3	8.956		46.40		
77. 5 30	3	8.992		46.01		
77. 6. 9	3	9.017		45.60		
90. 5.21	7	9.126		46.24		ft.
7283	$8^m.6$	$2^s.4997$	$+0^s.0024$	−11″.913	+0″.298	28°2454
72. 5.31	3	$15^h34^m13^s.308$		28° 1′ 51″.40		
76. 6.19	3	13.006		54.10		
76. 6.24	3	13.085		53.24		
89. 6.17	5	13.020		53.81		
89. 6.22	5	13.291		53.71		
90. 6. 2	7	13.092		53.41		
7284	9.4	2.5533	+0.0026	−11.912	+0.305	25°2948
87. 6.18	7	15 34 14.651		25 45 38.38		
88. 6.13	5	14.562		38.26		
90. 5.20	5	14.570		39.38		
7285	8.0	2.4607	+0.0023	−11.894	+0.294	29°2694
73. 5.23	3	15 34 29.243		29 36 3.74		Z.C. δ 3″.5
77. 5.30	3	29.147		2.82		
80. 6.29	3	29.162		2.41		
82. 6.27	3	29.237		2.66		
83. 6.11	3	29.282		5.90		
7286	8.6	2.4935	+0.0025	−11.826	+0.299	28°2456
72. 5.31	3	15 35 27.645		28 11 27.59		Z.C. δ 28″.6
73. 6. 6	3	27.707		28.59		
80. 6.12	3	27.596		29.18		
83. 5.30	3	27.513		29.25		
90. 5.23	7	27.755		28.60		
7287	9.0	2.5142	+0.0026	−11.822	+0.302	27°2522
74. 6.12	3	15 35 31.151		27 19 41.67		Z.C. δ 41″.1
76. 6.10	3	30 941		40.61		
77. 5.28	3	31.087		41.37		
77. 6. 5	3	31.119		40.70		
7288	9.3	2.4752	+0.0024	−11.802	+0.297	28°2458
80. 6.21	3	15 35 48.025		28 54 55.85		Z.C. δ 56″.0
84. 6.11	7	47.890		56.19		
7289	8.5	2.4571	+0.0023	−11.795	+0.295	29°2699
72. 6. 4	3	15 35 53.895		29 37 58.71		Z.C. δ 58″.6
73. 5.23	3	53.925		58.67		
77. 5.30	3	53.893		58.42		
7290	9.4	2.5581	+0.0028	−11.794	+0.307	25°2951
81. 6.14	3	15 35 55.126		25 26 8.95		
85. 6. 4	7	54.816		7.38		
90. 5.22	7	54.668		6.33		
7291	9.0	2.5468	+0.0027	−11.791	+0.305	25°2950
72. 5.27	3	15 35 56.916		25 54 51.86		
75. 6.24	3	56.585		51.31		+1ˢ
77. 6.14	3	56.855		52.72		
7292	9.2	2.5221	+0.0026	−11.765	+0.303	27°2524
76 6.10	3	15 36 19.225		26 56 14.25		+1′
79. 6.10	2	19.604		15.70		−5′
80. 6.12	3	19.359		15.42		w. 5 − 1ˢ
7293	8.5	2.5410	+0.0027	−11.762	+0.305	26°2719
74. 6. 9	3	15 36 21.265		26 7 52.61		
79. 6.18	3	21.393		53.49		
82. 6.27	3	21.364		52.81		v. ft.
83. 6. 1	3	21.283		53.50		
88. 6.13	5	21.432		51.92		

7294 $8^{m}.9$ $2^{s}.5319$ $+0^{s}.0026$ $-11''.762$ $+0''.304$ 26°2720

74. 6. 9	2	$15^{h}36^{m}21^{s}.312$	26° 31′ 14″.79	
83. 6.26	3	21.382	15.19	
88. 6.25	7	21.422	14.36	
90. 5.14	7	21.659	12.71	
90. 5.30	7	21.602	14.98	

7295 9.0 2.5573 +0.0028 −11.759 +0.307 25°2953

75. 6.25	3	15 36 24.120	25 25 52.87	
84. 6.12	3	24.090	52.67	
86. 6.24	7	24.124	52.02	
90. 6. 9	7	24.216	51.86	

7296 8.0 2.4868 +0.0025 −11.757 +0.209 28°2460

80. 6.21	3	15 36 25.474	28 23 47.66	
83. 6.28	3	25.572	49.27	
86. 7. 1	7	25.449	47.06	

7297 9.0 2.5123 +0.0026 −11.743 +0.302 27°2526

74. 6.12	3	15 36 37.936	27 19 28.23	
79. 6.10	2	37.826	30.56	
83. 5.30	3	37.999	30.03	
89. 6.17	5	37.932	29.35	
89. 6.22	4	37.637	30.12	
90. 5.28	7	38.314	29.37	

7298 8.1 2.4447 +0.0024 −11.703 +0.294 30°2695

86. 6.23	7	15 37 11.167	30 1 39.69	
86. 6.28	7	11.185	40.31	
90. 5.31	7	11.324	38.19	
90. 6. 2	7	11.149	39.95	+ 1′

7299 8.5 2.5127 +0.0026 −11.682 +0.303 27°2528

74. 6.12	3	15 37 28.987	27 14 33.39	
76. 6.10	3	28.991	33.20	
79. 6.10	2	29.102	35.09	
84. 6.14	3	29.162	33.18	
84. 6.25	4	28.981	34.68	

7300 9.0 2.4790 +0.0024 −11.682 +0.299 28°2462

72. 5.31	3	15 37 29.522	28 37 46.62	
80. 6.21	3	29.583	47.76	

7301 Fundamental Star 26°2722

7302 8.6 2.5599 +0.0028 −11.681 +0.308 25°2954

74. 5.30	3	15 37 29.929	25 14 22.02	Z.C. δ 22″.1
74. 5.30	2	29.789	20.72	
77. 6.14	3	29.918	23.65	
80. 6.12	3	30.023	22.03	

7303 8.9 2.4478 +0.0024 −11.678 +0.295 29°2701

72. 6. 4	3	15 37 33.069	29 52 58.23	
77. 5.30	3	33.120	59.41	
83. 6.28	3	33.047	60.05	

7304 8.9 2.5451 +0.0027 −11.673 +0.307 25°2955

72. 5.27	3	15 37 36.796	25 52 5.76	
84. 6.21	5	36.604	5.80	

7305 9.5 2.5257 +0.0026 −11.663 +0.305 26°2723

83. 6.11	3	15 37 45.788	26 40 43.18	
93. 5.31	6	45.604	43.57	
93. 6. 3	6	45.559	42.03	

7306 $9^{m}.0$ $2^{s}.4770$ $+0^{s}.0025$ $-11''.656$ $+0''.299$ 28°2464

84. 6.12	7	$15^{h}37^{m}51^{s}.016$	28° 41′ 9″.71	
85. 6. 4	5	50.976	8.94	
85. 6.27	4	51.182	8.32	

7307 8.5 2.4716 +0.0025 −11.634 +0.298 28°2465

72. 5.31	1	15 38 9.913	28 52 54.34	
80. 6.12	2	9.612	55.32	
83. 6.28	1	9.609	56.54	-1^{s}

7308 9.0 2.5632 +0.0028 −11.628 +0.309 25°2956

84. 6.21	2	15 38 14.772	25 2 47.71	
90. 5.21	7	15.151	47.04	

7309 8.0 2.4407 +0.0024 −11.620 +0.295 30°2699

72. 6. 4	3	15 38 21.503	30 5 47.25	-1^{m}
77. 5.30	2	21.722	46.71	Z.C. δ 47″.2
82. 6.27	3	21.626	47.20	
83. 6. 6	3	21.480	47.46	

7310 9.0 2.4811 +0.0025 −11.618 +0.300 28°2466

76. 6.24	1	15 38 23.053	28 28 35.37	
81. 6.14	3	23.327	37.47	
92. 5.31	7	23.406	36.22	

7311 9.1 2.5011 +0.0026 −11.615 +0.303 27°2530

88. 6.13	7	15 38 25.987	27 39 25.12	
89. 6.17	5	25.901	25.73	
90. 5.22	7	26.055	26.07	

7312 9.4 2.5247 +0.0027 −11.607 +0.304 26°2725

74. 6. 9	1	15 38 32.949	26 39 56.37	
90. 5.23	4	32.813	54.78	

7313 8.0 2.5555 +0.0028 −11.605 +0.309 25°2957

72. 5.27	1	15 38 34.255	25 21 33.18	
77. 6.14	3	34.265	34.00	
84. 6.28	5	34.220	34.56	

7314 7.3 2.5669 +0.0029 −11.592 +0.310 24°2914

83. 7. 5	3	15 38 45.358	24 51 22.96	
92. 6. 2	7	45.305	21.52	

7315 8.7 2.5612 +0.0029 −11.582 +0.310 25°2958

84. 6.14	7	15 38 53.437	25 5 21.73	
92. 6. 7	7	53.209	24.91	

7316 9.1 2.5240 +0.0027 −11.570 +0.306 26°2726

84. 6.25	5	15 39 3.786	26 39 38.94	
92. 6. 8	7	3.826	39.03	

7317 9.2 2.4984 +0.0026 −11.569 +0.303 27°2531

74. 6.12	3	15 39 4.553	27 43 6.75	
76. 6.10	3	4.611	5.49	
79. 6.10	2	4.847	7.98	

7318 8.9 2.5621 +0.0029 −11.561 +0.310 25°2959

80. 6.12	1	15 39 11.078	25 1 50.95	Z.C. δ 51″.2
80. 6.19	2	11.184	51.30	
83. 6.26	3	11.272	51.43	

7319 9.3 2.5523 +0.0029 −11.560 +0.309 25°2960

90. 5.14	6	15 39 11.553	25 27 18.59	
90. 5.30	6	11.477	19.42	

7320	$9^{m}0$	$2^{s}5120$	$+0^{s}0027$	−11″547	+0″305	27°2532
74.	6.12	3	$15^{h}39^{m}22^{s}883$	27° 7′ 57″25		Z.C. δ 55″8
76.	6.10	2	23.011	52.37		
77.	5.28	1	22.843	57.91		
77.	6. 5	2	23.092	55.50		
7321	9.3	2.5596	+0.0029	−11.540	+0.310	25°2962
83.	6.11	3	15 39 28.546	25 7 11.79		
92.	6. 9	5	28.324	8.43		
7322	9.1	2.4513	+0.0025	−11.536	+0.297	29°2704
72	6. 4	2	15 39 31.482	29 35 21.64		Z.C. δ 21″7
76.	6.20	3	31.728	21.85		
81.	6.24	2	31.926	21.74		
7323	7.5	2.5598	+0.0029	−11.530	+0.310	25°2963
77.	6.13	2	15 39 37.448	25 6 10.36		Z.C. δ 11″1
77.	6.14	3	37.185	9.97		
83.	6.11	2	37.345	12.62		
83.	7. 5	3	37.362	11.61		
7324	9.5	2.5542	+0.0029	−11.528	+0.310	25°2964
81.	6.14	3	15 39 39.590	25 20 20.80		§
93.	5.31	2	39.003	19.39		Z.C. α $38^{s}98$
93.	6. 2	7	38.964	19.22		
7325	9.0	2.4598	+0.0025	−11.519	+0.298	29°2705
77.	6. 9	3	15 39 46.521	29 13 48.84		
84.	6.12	6	46.175	49.25		
85.	6. 4	7	46.181	48.38		
90.	5.31	5	46.420	45.18		
7326	7.9	2.4686	+0.0025	−11.503	+0.299	28°2469
72.	5.31	3	15 39 59.843	28 51 40.10		
73.	6. 6	3	59.560	40.21		
76.	6.19	3	59.451	39.92		
7327	9.3	2.4402	+0.0025	−11.503	+0.296	30°2703
76.	6.20	3	15 40 0.024	29 59 38.70		Z.C. δ 38″3
77.	5.30	3	0.074	37.98		
7328	9.2	2.5643	+0.0029	−11.483	+0.312	24°2920
73.	6. 9	2	15 40 16.127	24 51 38.96		†
7329	9.1	2.5133	+0.0027	−11.458	+0.306	27°2535
81.	6.22	3	15 40 37.107	26 59 34.04		Z.C. δ 34″1
86.	6.24	7	36.999	34.07		
86.	6.28	5	37.045	34.32		
7330	8.5	2.4550	+0.0025	−11.457	+0.299	29°2707
77.	6. 9	3	15 40 37.978	29 21 36.99		
80.	6.21	3	38.001	37.65		
82.	6.20	2	38.304	38.04		clds. v. ft.
83.	6.26	3	37.808	37.44		
7331	9.1	2.5629	+0.0029	−11.440	+0.312	24°2921
72.	5.27	3	15 40 52.282	24 53 6.87		
75.	6.24	1	52.250	6.57		
83.	6.28	3	52.257	7.55		
84.	6.14	5	52.445	2.36		§
7332	9.1	2.4330	+0.0025	−11.413	+0.297	30°2706
76.	6.20	3	15 41 14.978	30 10 40.43		Z.C. δ 40″1
76.	6.21	3	14.933	40.13		
77.	5.30	3	14.987	39.86		
7333	$8^{m}5$	$2^{s}5482$	$+0^{s}0029$	−11″392	+0″311	25°2965
75.	6.25	3	$15^{h}41^{m}31^{s}915$	25° 28′ 21″17		Z.C. δ 21″5
77.	6.13	3	32.227	21.75		
77.	6.14	3	31.895	21.68		
7334	8.8	2.4888	+0.0027	−11.366	+0.304	27°2537
73.	6.17	3	15 41 54.088	27 54 38.98		
74.	6.12	3	53.945	40.25		
76.	6.10	3	53.886	39.30		
77.	6. 5	3	54.164	37.40		
7335	8.3	2.4959	+0.0027	−11.360	+0 305	27°2538
74.	6 12	2	15 41 59.358	27 36 50.02		Z.C. δ 47″5
76.	6.10	3	59.431	46.84		
77.	5.28	3	59.473	45.64		
7336	8.3	2.4491	+0.0026	−11.358	+0.300	29°2713
72.	6. 4	3	15 42 1.021	29 29 32.46		
76.	6.21	3	0.890	31.57		
77.	6. 9	3	0.869	32.43		
80.	6.12	3	0.734	31.48		
80.	6.21	3	0.929	32.21		
86.	6.30	7	0.888	30.92		
7337	9.4	2.5599	+0.0029	−11.357	+0.312	25°2966
81.	6.22	3	15 42 1.826	24 56 25.51		
89.	6.17	5	1.913	24.62		
7338	8.7	2.5287	+0.0028	−11.352	+0.309	26°2728
73.	6.12	3	15 42 5.684	26 15 9.96		
74.	6. 8	3	5.752	11.14		
74.	6. 8	2	5.932	9.01		
77.	6.15	3	5.770	11.30		
7339	9.2	2.5062	+0.0027	−11.350	+0.306	27°2539
77.	6.20	3	15 42 7.665	27 10 54.67		
79.	6.10	2	7.693	56.41		
81.	6.14	3	7.648	57.31		
88.	6.13	5	7.738	54.81		
90.	6. 2	7	7.749	54.90		
7340	9.1	2.5118	+0.0027	−11.340	+0.307	26°2729
74.	6. 9	3	15 42 15.918	26 56 27.81		
79.	6.18	3	15.963	27.17		v. ft.
80.	6.12	2	15.987	28.76		
7341	9.5	2.5567	+0.0029	−11.330	+0.312	25°2967
73.	6. 9	3	15 42 23.955	25 3 1.08		ft.
77.	6.14	3	23.909	2.62		Z.C. δ 2″8
83.	6.11	2	24.290	4.65		v. ft.
7342	7.3	2.4642	+0.0026	−11.319	+0.301	28°2475
72.	5.31	3	15 42 33.237	28 51 13.65		
73.	6. 6	3	33.053	13.68		
76.	6.19	3	32.910	15.87		
7343	9.0	2.4294	+0.0026	−11.313	+0.297	30°2707
84.	6.21	4	15 42 38.021	30 12 52.28		
84.	6.25	4	38.072	50.38		
84.	6.28	7	38.022	51.38		
90.	5.23	7	38.222	49.12		

7344	$9^{m}.0$	$2^{s}.5065$	$+0^{s}.0028$	$-11''.311$	$+0''.307$	27°2540
74.	6.12	1	$15^{h}42^{m}40^{s}.042$	27° 7′ 47″.30		
77.	6. 5	3	39.802	46.11		
79.	6.10	2	39.810	48.33		
7345	9.0	2.5299	+0.0029	−11.298	+0.310	26°2731
73.	6.12	3	15 42 50.677	26 8 54.41		
74.	6. 9	3	50.694	54.71		
77.	6.15	3	50.797	54.51		
7346	9.1	2.5168	+0.0028	−11.293	+0.308	26°2733
79.	6.18	2	15 42 54.960	26 41 24.22		
80.	6.21	3	55.140	23.50		
83.	6.26	2	55.255	23.67		
83.	6.28	3	55.136	24.30		
7347	9.1	2.5353	+0.0029	−11.273	+0.310	25°2968
81.	6.22	3	15 43 11.016	25 53 58.80		
90.	5.22	7	11.106	58.23		
7348	8.7	2.5239	+0.0029	−11.272	+0.309	26°2735
74.	6. 8	1	15 43 12.293	26 22 49.76		
81.	6.24	3	12.338	51.71		
83.	6.26	1	12.216	53.01		
84.	6.27	4	12.093	52.65		
7349	9.5	2.4955	+0.0027	−11.263	+0.306	27°2542
73.	6.17	3	15 43 19.283	27 32 22.69		
76.	6.10	2	19.291	20.91		
77.	5.28	3	19.414	22.34		
7350	var.	2.4705	+0.0026	−11.256	+0.303	28°2477
80.	6.19	3	15 43 25.317	28 32 27.89		
90.	5.28	7	25.600	29.03		
90.	5.31	7	25.308	27.68		
	R Coronae					
7351	9.4	2.5577	+0.0030	−11.224	+0.314	24°2925
88.	6.13	4	15 43 51.913	24 54 28.53		
92.	6. 2	5	52.245	30.05		
7352	9.0	2.4589	+0.0026	−11.207	+0.302	29°2718
72.	6. 4	3	15 44 6.214	28 57 10.63		
72.	6.14	3	6.356	10.14		
76.	6.20	3	6.186	8.03		
76.	6.21	3	6.050	10.91		
77.	6. 9	3	6.162	10.99		
7353	8.2	2.5350	+0.0029	−11.194	+0.312	25°2973
72.	5.27	3	15 44 16.261	25 50 30.79		Z.C. δ 30″.7
77.	6.13	1	16.421	31.12		−1′
79.	6.27	1	16.110	30.84		+1′
86.	7. 5	5	16.246	30.13		
7354	9.4	2.5455	+0.0030	−11.192	+0.313	25°2974
89.	6.17	5	15 44 18.666	25 23 50.34		†
7355	4.7	2.5202	+0.0029	−11.189	+0.310	26°2737
73.	6.12	3	15 44 21.150	26 27 7.47		
74.	6. 9	3	21.189	8.03		
79.	6.18	3	21.213	9.08		
86.	7. 1	7	21.095	7.06		
7356	$8^{m}.3$	$2^{s}.5303$	$+0^{s}.0029$	$-11''.182$	$+0''.311$	26°2738
77.	6.15	3	$15^{h}44^{m}26^{s}.154$	26° 1′ 43″.67		Z.C. δ 43″.8
80.	6.12	3	26.364	43.93		
80.	6.21	3	26.349	43.82		
7357	9.1	2.5092	+0.0028	−11.181	+0.309	26°2739
84.	6.12	5	15 44 27.177	26 53 59.61		
84.	6.25	7	27.031	58.23		
85.	6. 4	6	27.201	58.58		
7358	8.7	2.4897	+0.0027	−11.170	+0.306	27°2545
73.	6.17	3	15 44 36.377	27 41 15.94		Z.C. δ 15″.9
74.	6.12	3	36.207	16.23		
77.	5.28	3	36.346	15.57		+ 1 int.
7359	8.3	2.5169	+0.0028	−11.159	+0.310	26°2741
81.	6.14	3	15 44 46.019	26 33 33.24		
84.	6.14	2	45.928	31.09		
84.	6.28	5	45.862	33.00		
7360	9.5	2.4893	+0.0027	−11.152	+0.307	27°2546
73.	6.17	2	15 44 51.765	27 40 56.53		†
7361	8.3	2.5550	+0.0030	−11.133	+0.314	25°2976
72.	5.27	3	15 45 7.522	24 56 40.35		Z.C. δ 40″.2
73.	6. 9	3	7.339	40.06		
77.	6.14	3	7.269	40.33		
7362	8.5	2.5174	+0.0029	−11.099	+0.311	26°2744
73.	6.12	3	15 45 35.023	26 28 57.55		Z.C. δ 57″.4
74.	6. 8	3	35.002	57.61		
74.	6. 9	3	35.023	57.85		
77.	6.15	1	34.967	57.82		
90.	5.22	7	35.000	56.37		
7363	8.5	2.5418	+0.0030	−11.087	+0.313	25°2978
75.	6.24	3	15 45 44.644	25 27 50.88		
80.	6.12	3	44.656	51.33		
80.	6.12	1	44.836	51.24		
80.	6.21	3	44.709	52.00		
81.	6.14	3	44.685	51.92		
7364	9.0	2.4964	+0.0028	−11.081	+0.308	27°2548
76.	6.10	3	15 45 50.069	27 19 28.57		Z.C. δ 29″.2
77.	5.28	3	50.155	28.73		
77.	6. 5	3	50.010	27.92		
77.	6.20	3	50.016	30.07		
77.	6.25	2	50.089	30.18		
90.	6. 2	6	50.057	29.67		w. 2.3.4 + 4^{s}
7365	9.0	2.5391	+0.0029	−11.076	+0.313	25°2979
73.	6. 9	3	15 45 54.188	25 33 51.21		
80.	6.19	3	54.202	51.89		
7366	9.0	2.5400	+0.0029	−11.071	+0.313	25°2980
72.	5.27	1	15 45 58.459	25 31 21.20		Z.C. δ 20″.8
80.	6.29	3	58.432	20.39		
81.	6.22	3	58.359	20.75		
7367	7.8	2.5358	+0.0029	−11.054	+0.313	25°2981
75.	6.25	1	15 46 12.214	25 40 53.60		
77.	6.14	3	11.944	52.55		

7368 $8^{m}8$ $2^{s}4348$ $+0^{s}0026$ $-11''042$ $+0''301$ 29°2724

72. 6. 4	3	$15^{h}46^{m}22^{s}346$	29° 44′ 3″06	
72. 6.14	3	22.378	1.07	
76. 6.20	3	22.191	2.06	
85. 6. 4	7	22.304	2.27	

7369 9.0 2.4389 +0.0026 −11.038 +0.302 29°2725

76. 6.21	3	15 46 25.151	29 34 27.01	Z.C. δ 27″5
77. 5.30	3	25.162	27.79	
77. 6. 9	3	25.075	27.26	
89. 6.17	7	25.106	27.95	

7370 8.3 2.4522 +0.0027 −11.004 +0.304 29°2727

72. 6.13	3	15 46 53.222	29 1 7.45	
77. 6.29	3	53.201	8.22	
80. 6.19	3	52.995	7.19	
81. 6.22	3	53.346	7.91	
81. 6.24	3	53.241	7.74	
85. 6.27	5	53.143	6.71	
86. 6.30	7	53.309	6.90	

7371 9.1 2.4786 +0.0028 −11.003 +0.307 28°2484

72. 5.31	3	15 46 53.897	27 58 26.59	
73. 6. 6	3	53.893	27.37	
76. 6.19	3	53.824	27.99	
84. 6.14	4	53.999	26.33	
86. 6.24	6	53.797	28.89	
90. 5.21	7	53.860	28.26	

7372 7.3 2.4200 +0.0027 −10.996 +0.300 30°2718

84. 6.12	4	15 46 59.683	30 15 25.57	
84. 6.25	4	59.643	24.56	
84. 6.28	5	59.574	25.44	
87. 6.25	7	59.766	24.98	

7373 8.8 2.4413 +0.0027 −10.994 +0.303 29°2728

76. 6.21	3	15 47 0.879	29 26 17.29	
81. 6.14	2	0.973	18.19	
82. 6.27	2	1.071	16.94	
83. 6.11	3	0.981	19.16	
88. 6.25	7	0.906	17.06	
89. 6.12	5	0.928	16.87	clds.
90. 5.23	7	1.053	15.75	

7374 9.4 2.4784 +0.0028 −10.991 +0.307 28°2485

73. 6. 6	2	15 47 3.791	27 58 13.47	
76. 6.19	3	3.835	14.12	
76. 6.24	2	3.930	14.23	

7375 8.9 2.4659 +0.0028 −10.984 +0.306 28°2486

76. 6.16	3	15 47 9.366	28 27 54.93	
80. 6.12	2	9.434	54.78	
83. 6.26	3	9.530	56.07	
83. 6.28	3	9.464	57.34	
83. 7. 2	3	9.459	56.53	

7376 9.2 2.5374 +0.0030 −10.982 +0.315 25°2985

73. 6. 9	3	15 47 10.652	25 33 20.08	
77. 6.13	2	10.882	22.37	
84. 6.27	4	10.510	20.61	
88. 6.13	7	10.769	20.77	
90. 5.12	4	10.749	20.46	
90. 5.14	7	10.913	20.14	
90. 5.30	7	10.790	19.08	

7377 $8^{m}0$ $2^{s}4526$ $+0^{s}0027$ $-10''977$ $+0''304$ 29°2729

72. 6. 4	3	$15^{h}47^{m}14^{s}901$	28° 58′ 52″02	
72. 6.14	3	15.029	51.25	
76. 6.20	3	14.906	52.21	

7378 7.8 2.4445 +0.0027 −10.965 +0.303 29°2730

77. 6. 9	3	15 47 25.285	29 17 14.05	
80. 6.21	3	25.354	13.89	
83. 7. 5	3	25.294	16.31	
84. 6.30	7	25.230	14.93	

7379 8.6 2.4873 +0.0028 −10.928 +0.309 27°2551

73. 6.17	3	15 47 55.505	27 33 29.28	Z.C. δ 28″4
74. 6.12	3	55.470	28.74	
76. 6.10	3	55.764	28.15	
77. 5.28	3	55.472	28.82	
77. 6. 5	3	55.416	27.41	
77. 6.20	3	55.420	27.64	
77. 6.25	3	55.653	28.82	

7380 8.1 2.4714 +0.0028 −10.923 +0.307 28°2487

72. 5.31	3	15 47 59.432	28 11 12.52	
76. 6.24	3	59.343	13.74	
84. 6.14	2	59.553	12.23	

7381 9.5 2.5087 +0.0029 −10.911 +0.312 — —

77. 6.15	1	15 48 9.011	26 40 26.61 †	Z.C. δ 26″6

7382 8.8 2.5085 +0.0029 −10.910 +0.312 26°2747

73. 6.12	3	15 48 10.308	26 40 40.72	
74. 6. 8	2	10.228	40.10	
77. 6.15	3	10.412	40.60	
86. 7. 5	5	10.176	41.31	

7383 8.3 2.4513 +0.0027 −10.901 +0.304 29°2733

76. 6.20	3	15 48 17.246	28 57 28.94	
80 6.12	2	16.987	28.38	

7384 8.9 2.5209 +0.0030 −10.893 +0.314 26°2748

74. 6. 9	3	15 48 23.567	26 9 32.64	Z.C. δ 32″5
77. 6.26	3	23.588	32.55	
81. 6.22	3	23.609	32.34	

7385 8.1 2.4282 +0.0027 −10.890 +0.302 29°2734

72. 6.13	3	15 48 26.225	29 50 32.02	Z.C. δ 31″4
77. 6. 9	3	26.104	30.89	
80. 6.19	2	26.027	30.95	−1 int
81. 6.24	3	26.052	31.61	

7386 8.6 2.4994 +0.0029 −10.885 +0.311 27°2553

73. 6.17	3	15 48 30.424	27 1 51.07	
74. 6.12	3	30.527	51.94	
76. 6.10	3	30.526	51.57	
77. 6.25	3	30.718	51.93	

7387 9.0 2.4678 +0.0028 −10.862 +0.307 28°2490

73. 6. 6	3	15 48 49.524	28 16 26.66	
76. 6.16	3	49.552	25.60	
76. 6.19	3	49.380	27.47	
89. 6.17	7	49.423	28.08	

7388 9.1 2.5427 +0.0031 −10.855 +0.316 25°2988

84. 6.12	4	15 48 55.427	25 13 15.23	
84. 6.21	7	55.342	15.79	
84. 6.25	7	55.476	15.16	
84. 6.27	7	55.302	15.28	

7389	9^{m}3	2^{s}4675	+0^{s}0028	−10″841	+0″307		28°2492
76.	6.19	2	15^h49^m	6^{s}620	28° 15′	59″09	†
7390	9.2	2.4284	+0.0027	−10.838	+0.303		29°2736
72.	6.14	3	15 49	9.004	29 47	17.54	+1′
80.	6.29	3		8.995		19.28	
83.	6.11	3		9.047		21.26	
90.	5.23	5		8.982		17.74	
7391	9.0	2.5315	+0.0030	−10.807	+0.316		25°2990
72.	5.27	3	15 49	34.008	25 38	59.31	Z.C.δ59″8
73.	6. 9	3		33.905		59.10	
77.	6.14	3		33.958		60.70	
81.	6.14	3		34.080		60.16	
7392	8.8	2.5477	+0.0031	−10.801	+0.318		25°2991
75.	6.25	1	15 49	38.659	24 58	12.56	
79.	6.27	3		38.859		13.33	
82.	6.27	3		38.878		12.42	
83.	6.29	3		38.840		14.02	
7393	9.5	2.5201	+0.0030	−10.780	+0.315		26°2752
73.	6.12	3	15 49	55.613	26 5	40.52	
80.	6.19	2		55.684		41.28	
88.	6.13	7		55.857		41.78	
7394	8.3	2.5014	+0.0029	−10.775	+0.312		26°2753
77.	6.15	3	15 49	60.182	26 51	6.02	+2 ints.
79.	6.18	3		60.011		5.17	
80.	6.29	3		60.033		5.80	
82.	6.15	3		60.154		5.15	
84.	6.12	5		59.990		6.38	
90.	5.22	7		60.044		5.51	
7395	8.3	2.5130	+0.0030	−10.767	+0.314		26°2754
80.	6.29	1	15 50	6.904	26 22	31.79	Z.C.δ31″8
81.	6.24	3		6.850		32.26	
86.	6.30	5		6.953		31.39	
7396	7.2	2.4231	+0.0027	−10.747	+0.303		29°2739
72.	6. 4	3	15 50	22.753	29 54	12.29	Z.C.δ11″9
72.	6.13	3		22.834		12.38	
72.	6.14	3		22.860		11.09	
77.	6. 9	3		22.883		11.64	
80.	6.12	3		22.707		11.77	−10^s
80.	6.21	2		22.899		11.36	
83.	7. 5	3		22.792		13.07	
7397	8.0	2.4518	+0.0028	−10.733	+0.307		28°2494
72.	5.31	3	15 50	33.840	28 47	23.78	
76.	6.19	3		33.799		23.49	
76.	6.24	3		33.744		23.94	
7398	8.0	2.4859	+0.0029	−10.711	+0.311		27°2555
73.	6.17	3	15 50	52.396	27 24	59.02	
74.	6.12	3		52.396		59.81	
76.	6.10	3		52.394		58.62	
7399	8.3	2.5318	+0.0030	−10.691	+0.317		25°2994
72.	5.27	3	15 51	8.440	25 32	21.12	
77.	6.14	3		8.636		22.25	
79.	6.27	3		8.514		21.59	
81.	6.14	3		8.595		22.92	

7400	9^{m}5	2^{s}5442	+0^{s}0031	−10″651	+0″319		25°2995
77.	6.14	2	15^h51^m	40^{s}943	24° 59′	41″36	Z.C.δ38″7
81.	6.22	3		41.108		36.04	
7401	9.0	2.5289	+0.0030	−10.642	+0.317		25°2996
81.	6.22	2	15 51	48.292	25 36	58.20	Z.C.δ57″9
89.	6.17	5		48.259		57.58	
7402	8.5	2.5442	+0.0031	−10.625	+0.319		25°2997
79.	6.27	3	15 52	1.438	24 58	29.50	Z.C.δ29″4
80.	6.12	3		1.527		29.57	ft.
80.	6.29	3		1.436		29.18	
7403	9.4	2.4519	+0.0028	−10.607	+0.308		28°2497
72.	5.31	3	15 52	16.541	28 39	55.08	
76.	6.19	3		16.498		56.10	
76.	6.24	3		16.473		56.62	
7404			Fundamental Star				27°2558
7405	9.5	2.4698	+0.0029	−10.595	+0.310		28°2498
93.	5.31	3	15 52	26.396	27 57	23.02	
93.	6. 2	7		26.218		21.10	
7406	9.2	2.5071	+0.0030	−10.594	+0.315		26°2756
79.	6.18	3	15 52	26.701	26 28	0.02	
80.	6.21	3		26.676		0.92	
7407	9.2	2.5154	+0.0031	−10.577	+0.316		26°2758
81.	6.24	3	15 52	40.237	26 7	5.57	
86.	6.24	7		40.159		6.26	
86.	6.28	7		40.112		6.08	
7408	9.3	2.4693	+0.0029	−10.571	+0.311		28°2501
76.	6.24	3	15 52	45.098	27 57	22.92	
92.	6. 9	4		45.118		20.82	
7409	8 7	2.5378	+0.0031	−10.570	+0.319		25°3000
72.	5.27	3	15 52	46.201	25 11	23.82	
92.	5.31	5		46.467		23.34	
92.	6.14	7		46.456		23.82	
7410	9.5	2.4855	+0 0030	−10.564	+0.313		27°2559
81.	6.14	2	15 52	51.124	27 18	17.45	Z.C.δ19″3
83.	6.11	2		50.947		21.12	
7411	9.1	2.5029	+0.0030	−10.556	+0.315		26°2760
81.	6.22	1	15 52	57.698	26 36	6.54	† Z.C.δ6″5
7412	9.0	2.5100	+0.0031	−10.535	+0.316		26°2761
77.	6.15	3	15 53	14.574	26 18	3.62	† Z.C.δ3″6
7413	9.5	2.4820	+0.0030	−10.531	+0.313		27°2561
94.	6.19	6	15 53	17.466	27 24	57.69	
95.	6. 7	7		17.518		60.76	
95.	6.12	7		17.441		59.72	v. ft.
95	6.17	7		17.692		60.18	v. ft.
7414	9.0	2 4171	+0.0028	−10.529	+0.304		29°2745
72.	6. 4	3	15 53	18.831	29 56	2.22	
72.	6.13	3		18.880		2.13	
72.	6.14	3		18.816		0.41	
77.	6. 9	3		18.693		1.44	

7415	$8^{m}.6$	$2^{s}.4871$	$+0^{s}.0030$	$-10''.529$	$+0''.313$	$27^{\circ}2563$
73.	6.17	3	$15^{h}53^{m}19^{s}.136$	$27^{\circ}\,12'\,45''.37$		
76.	6.10	3	19.174	44.97		
80.	6.29	2	19.090	43.65		
83.	6.11	3	19.421	47.85		
7416	9.3	2.4931	+0.0030	−10.526	+0.314	$27^{\circ}2562$
92.	6. 7	4	15 53 21.673	26 58 37.51		†
7417	9.0	2.4790	+0.0029	−10.526	+0.312	$27^{\circ}2564$
83.	6.28	3	15 53 21.736	27 31 49.25		
84.	6.25	3	21.665	47.24		
91.	6.16	6	21.968	48.66		v. ft. bad
7418	8.5	2.4948	+0.0030	−10.524	+0.314	$26^{\circ}2762$
74.	6. 9	3	15 53 22.806	26 54 5.94		
92.	6. 2	2	23.096	4.14		clds.
7419	8.1	2.5187	+0.0031	−10.516	+0.317	$25^{\circ}3003$
77.	6.14	2	15 53 29.619	25 55 55.86		Z.C. $\delta\,54''.6$
82.	6.15	3	29.630	52.61		
83.	7. 5	3	29.628	55.24		
7420	8.0	2.4647	+0.0029	−10.514	+0.311	$28^{\circ}2503$
72.	5.31	3	15 53 31.375	28 5 13.98		†
76.	6.19	3	30.936	17.73		
76.	6.24	2	30.938	16.44		
7421	9.0	2.5274	+0.0031	−10.510	+0.318	$25^{\circ}3004$
84.	6.12	3	15 53 34.803	25 34 6.37		$+30'$
84.	6.27	3	34.610	6.27		Z.C. $\alpha\,34^{s}.71$
7422	8.9	2.4914	+0.0030	−10.504	+0.314	$27^{\circ}2565$
84.	6.14	4	15 53 39.190	27 1 12.29		
84.	6.30	7	39.139	15.00		
7423	8.2	2.5416	+0.0032	−10.503	+0.320	$25^{\circ}3005$
75.	6.25	3	15 53 40.231	24 58 43.72		
82.	6.27	3	40.307	44.10		
7424	9.0	2 5315	+0.0031	−10.497	+0 319	$25^{\circ}3006$
84.	6.21	3	15 53 44.483	25 23 40.15		
92.	6.13	7	44.786	38.24		
7425	8.8	2.5045	+0.0031	−10.497	+0.316	$26^{\circ}2763$
74.	6. 9	3	15 53 44.880	26 29 31.93		
92.	6. 9	5	44.917	31.71		
7426	9.1	2.5355	+0.0032	−10.496	+0.319	— —
92.	6 17	6	15 53 45.352	25 13 40.25		† sp. of 2
7427	9.0	2.5350	+0.0032	−10.495	+0.319	$25^{\circ}3007$
83.	6.29	3	15 53 46.757	25 14 47.86		Z.C. $\delta\,48''.6$
94.	6.20	7	46.481	48.66		
95.	6.20	7	46.517	49.15		
7428	9.0	2.4818	+0.0030	−10.493	+0.313	$27^{\circ}2567$
73.	6.17	1	15 53 48.263	27 23 28.24		
83.	6.28	3	48.032	30.44		
7429	9.0	2.4106	+0.0028	−10.493	+0.304	$30^{\circ}2731$
84.	6.25	3	15 53 48.147	30 8 42.49		
89.	6.17	5	48.209	41.45		
7430	$7^{m}.0$	$2^{s}.4195$	$+0^{s}.0028$	$-10''.475$	$+0''.306$	$29^{\circ}2748$
72.	6.14	3	$15^{h}54^{m}\,3^{s}.012$	$29^{\circ}\,47'\,25''.04$		Z.C. $\delta\,25''.7$
77.	6.29	2	2.910	26.31		
7431	9.2	2.5379	+0.0032	−10.475	+0.320	$25^{\circ}3008$
84.	6.21	2	15 54 3.060	25 6 35.21		
84.	6.27	2	3.051	35.33		ft.
7432	8.0	2.5211	+0.0031	−10.461	+0.318	$25^{\circ}3009$
77.	6.13	2	15 54 13.776	25 47 26.20		Z.C. $\delta\,25''.7$
79.	6.27	1	13.961	25.21		
7433	var.	2.5090	+0.0031	−10.458	+0.316	$26^{\circ}2765$
74.	6. 8	2	15 54 16.597	26 16 32.41		
74.	6. 9	1	16.457	32.63		
77.	6.15	3	16.505	33.14		
79.	6.18	3	16.580	32.88		
	T Coronae					
7434	9.4	2.5434	+0.0032	−10.428	+0.321	$24^{\circ}2953$
80.	6.21	3	15 54 40.389	24 50 44.71		Z.C. $\delta\,43''.0$
92.	6. 8	7	40.454	41.32		
7435	9 5	2.5433	+0.0032	−10.412	+0 321	$24^{\circ}2955$
93.	5.31	4	15 54 53.075	24 50 18.84		
93.	6. 5	7	53.155	18.43		
7436	9.2	2.4522	+0.0029	−10.393	+0.310	$28^{\circ}2505$
76.	6.19	3	15 55 8.416	28 28 17.38		†
7437	8.3	2.4124	+0.0028	−10.391	+0 305	$30^{\circ}2735$
72.	6. 4	3	15 55 10.202	29 59 16.49		
72.	6.13	3	10.240	15.72		
72.	6.14	3	10.305	14.94		
76.	6.20	3	10.228	15.26		
7438	9.1	2.5206	+0.0031	−10.371	+0.319	$25^{\circ}3012$
72.	5.27	3	15 55 26.087	25 44 21.97		$+5'$
81.	6.22	3	26.072	22.73		Z.C. $\delta\,22''.0$
81.	6.24	3	26.016	21.62		
90.	5.22	7	26.091	21.69		
7439	9.5	2.4795	+0.0030	−10.354	+0.314	$27^{\circ}2569$
73.	6.17	2	15 55 39.524	27 22 12.73		†
7440	9.1	2.4135	+0.0029	−10.353	+0.306	$29^{\circ}2751$
76.	6.21	3	15 55 40.240	29 54 48 74		Z.C. $\delta\,48''.8$
77.	6.29	2	40.368	48.89		
80.	6.19	3	40.102	49.33		
83.	6.29	3	40.362	48.30		
7441	8.7	2.5429	+0.0032	−10.349	+0.322	$24^{\circ}2957$
73.	6. 9	3	15 55 44.029	24 48 28.33		
79.	6.27	2	44.002	27.01		
80.	6.21	3	43.945	28.28		
82.	6.15	3	44.069	25.87		
84.	6.12	5	43.938	26.47		
84.	6.21	2	43.892	25.91		
86.	6.28	5	44.013	25.80		§
92.	5.31	7	44.113	23.83		
7442	9.2	2.5419	+0.0032	−10.349	+0.322	$24^{\circ}2958$
81.	6.24	2	15 55 44.351	24 50 57.00		Z.C. $\delta\,56''.5$
84.	6.14	5	44.114	55.27		
85.	6.27	5	44.386	56.77		
86.	6.24	2	44.285	57.71		
92.	6. 7	4	44.171	55.84		

7443	7$^{\rm m}$8	2$^{\rm s}$5005	+0$^{\rm s}$0030	−10″339	+0″317	26°2767
73.	6.12	3	15$^{\rm h}$55$^{\rm m}$51$^{\rm s}$829	26° 31′ 23″48		Z.C. δ 23″6
77.	6.15	3	51.938	23.41		
77.	6.26	3	51.663	23.85		
7444	8.2	2.4294	+0.0029	−10.338	+0.308	29°2752
77.	6. 9	3	15 55 52.521	29 17 60.06		Z.C. δ 0″7
81.	6.22	1	52.484	60.08		
82.	6.27	3	52.681	59.80		
83.	6.11	3	52.627	62.71		
7445	8.2	2.4758	+0.0030	−10.331	+0.314	27°2570
74.	6.12	3	15 55 57.788	27 29 43.29		Z.C. δ 42″9
76.	6.10	3	57.790	43.41		
77.	5.28	3	57.721	42.15		
77.	6.20	3	57.752	42.87		+ 1$^{\rm m}$
7446	8.4	2.4509	+0.0030	−10.331	+0.311	28°2506
72.	5.31	3	15 55 58.296	28 27 48.81		d.l.
76.	6.16	3	57.990	49.69		
76.	6.19	3	57.966	50.75		d. n. f.
7447	9.5	2.4505	+0.0030	−10.329	+0.311	— —
76.	6.19	1	15 55 59.847	28 28 51.95		†
7448	8.9	2.4355	+0.0029	−10.326	+0.309	29°2753
76.	6.20	2	15 56 2.189	29 3 28.96		
76.	6.21	3	2.112	28.34		
7449	9.0	2.4673	+0.0030	−10.316	+0.313	27°2572
74.	6.12	2	15 56 9.965	27 49 14.20		
76.	6.10	3	9.627	12.56		
77.	6. 5	3	10.052	13.00		
7450	9.0	2.5086	+0.0031	−10.309	+0.318	26°2768
79.	6.18	3	15 56 15.419	26 10 43 17		
80.	6.29	3	15.480	42.62		
82.	6.30	3	15.535	41.16		
83.	6.29	3	15.492	43.67		
7451	8.1	2.4940	+0.0031	−10.307	+0.316	26°2769
73.	6.12	1	15 56 17.123	26 45 19.85		Z.C. α 16$^{\rm s}$97
74.	6. 8	2	16.975	18.87		Z.C. δ 19″5
77.	6.26	2	16.775	19.46		+5′
82.	6.15	3	17.015	19.84		
7452	9.0	2.4372	+0.0029	−10.306	+0.309	29°2754
72.	6.14	3	15 56 18.200	28 58 25.54		Z.C. δ 27″2
77.	6. 9	3	18.197	26.42		
82.	6.30	1	18.274	26.46		
83.	6.11	3	18.303	29.82		
83.	7. 2	3	17.948	29.06		
89.	6.17	5	17.977	25.68		
7453	5.0	2.4045	+0.0029	−10.296	+0.305	30°2738
86.	6.29	5	15 56 26.157	30 12 7.62		
86.	6.30	5	26.157	7.01		
90.	5.14	7	26.134	7.40		
7454	9 1	2.4940	+0.0031	−10.232	+0.317	26°2771
81.	6.24	2	15 57 16.912	26 41 36.83		Z.C. δ 37″6
87.	6.18	7	16.787	38.32		
7455	9$^{\rm m}$1	2$^{\rm s}$4888	+0$^{\rm s}$0031	−10″230	+0″317	26°2772
74.	6. 9	3	15$^{\rm h}$57$^{\rm m}$18$^{\rm s}$196	26° 54′ 8″41		
77.	6.15	3	18.579	10.65		
80.	6.21	3	18.330	9.57		
80.	6.29	3	18.321	8.78		
7456	9.0	2.4859	+0.0031	−10.227	+0.316	27°2574
74.	6.12	2	15 57 20.993	27 0 61.07		
76.	6.10	2	20.902	59.43		
77.	5.28	3	21.044	60.44		
90.	5.21	6	21.250	59.68		
7457	7.7	2.4870	+0.0031	−10.219	+0.316	27°2575
73.	6.17	3	15 57 27.600	26 57 44.23		Z.C. δ 43″5
77.	5.28	2	27.523	43.02		
77.	6. 5	3	27.608	42.54		
77.	6.20	3	27.598	44.14		
7458	9.1	2.5073	+0.0031	−10.212	+0.319	26°2773
73.	6.12	1	15 57 32.864	26 9 4.93		D−10″
74.	6. 9	3	32.663	4.94		
83.	6.26	3	32.726	6.86		
83.	6 29	3	32.898	5.66		
7459	9.4	2.5062	+0.0031	−10.211	+0.319	26°2774
83.	6.26	1	15 57 34.064	26 11 33.84		†
7460	8.5	2.4259	+0.0030	−10.187	+0.309	29°2758
72	6. 4	3	15 57 52.898	29 18 10.82		
72.	6.13	3	52.922	9.60		
72.	6.14	3	52.949	9.03		
76.	6.21	3	52.857	10.18		
77.	6. 9	3	52 768	10.77		
7461	9.0	2.4283	+0.0030	−10.167	+0.309	29°2760
76.	6.20	3	15 58 8.713	29 11 54.28		
76.	6.21	2	8.786	54.83		
77.	6.29	3	8.766	55.38		
7462	8.5	2.4910	+0.0031	−10.160	+0.318	26°2776
73.	6.23	1	15 58 14.687	26 45 38.86		+ 1′
74.	6. 8	3	14.630	40.38		Z.C. δ 40″9
77.	6.15	2	14.675	41.85		
77.	6.26	3	14.497	40.65		
81.	6.14	3	14.628	42.16		
81.	6.22	3	14.478	40.87		
87.	6.29	3	14.740	41.12		v. ft.
87.	6.30	7	14.530	41.05		
7463	9.3	2.5387	+0.0032	−10.156	+0.324	24°2962
73.	6. 9	3	15 58 17.517	24 50 14.55		
73.	6.19	3	17.616	14.95		
77.	6.13	3	17.759	16.92		
77.	6.14	3	18.026	14.47		
7464	9.1	2.4211	+0.0030	−10.151	+0.309	29°2761
72.	6. 4	2	15 58 21.580	29 27 33.43		Z.C. α 21$^{\rm s}$80
72.	6.14	1	21.981	33.43		
76.	6.20	2	21.849	33.43		
7465	9.2	2.5173	+0.0031	−10.148	+0.321	25°3019
85.	6.27	7	15 58 24.086	25 41 50.86		
87.	6.25	7	24.307	52.86		
89.	6.17	7	23.979	51.46		
90.	5.22	7	24.082	50.81		

7466	$9^{m}.5$	$2^{s}.4436$	$+0^{s}.0030$	$-10''.134$	$+0''.312$	28° 2510
72.	5.31	3	$15^{h}58^{m}35^{s}.460$	28° 35′ 8″.89		
73.	6. 6	3	35.351	8.14		
76.	6.19	2	35.427	8.52		
7467	9.5	2.4657	+0.0030	−10.132	+0.315	— —
73.	6.17	3	15 58 36.805	27 44 3.80		
74.	6.12	2	36.742	2.32		
92.	6. 8	7	36.900	2.54		
	Agrees with B.D. +27° 2578 in α but not in δ					
7468	7.5	2.5197	+0.0031	−10.111	+0.322	25° 3020
73.	6. 9	2	15 58 53.499	25 34 29.76		†
73.	6.19	3	53.400	29.20		
75.	6.25	3	53.416	31.18		
75.	7. 6	3	53.439	31.62		§
92.	6. 2	7	52.912	42.09		clds.
7469	9.3	2.4229	+0.0030	−10.101	+0.310	29° 2763
72.	6.13	3	15 59 1.790	29 20 57.14		†
7470	9.1	2.4807	+0.0031	−10.090	+0.317	27° 2579
77.	6. 5	3	15 59 10.260	27 6 42.67		† Z.C. δ 42″.7
7471	9.0	2.5188	+0.0032	−10.060	+0.322	25° 3022
73.	6. 9	1	15 59 33.595	25 34 45.36		s. of 2
73.	6.19	2	33.465	45.03		s. of 2
75.	7. 6	3	33.639	46.72		§
78.	7. 3	1	33.730	45.13		v. ft.
7472	9.0	2.5185	+0.0032	−10.060	+0.322	25° 3023
77.	6.13	2	15 59 33.667	25 35 14.61		Z.C. δ 12″.7
79.	6.27	3	33.987	11.27		
81.	6.22	3	33.834	12.27		
86.	7. 5	7	33.797	12.48		
7473	9.5	2.4641	+0.0030	−10.058	+0.315	27° 2580
73.	6.17	2	15 59 35.060	27 44 0.35		
77.	5.28	3	35.186	0.57		
7474	8.9	2.4574	+0.0030	−10.040	+0.315	28° 2514
72.	5.31	3	15 59 50.347	27 58 49.03		
76.	6.19	3	49.967	48.59		
76.	6.24	3	50.007	49.68		
7475	9.0	2.4790	+0.0031	−10.035	+0.318	27° 2581
74.	6.12	2	15 59 53.337	27 8 17.59		Z.C. δ 17″.9
76.	6.10	3	53.497	18.56		
77.	6. 5	3	53.663	16.78		
77.	6.20	3	53.630	18.70		
7476	9.4	2.4077	+0.0029	−10.031	+0.308	29° 2765
84.	6.25	3	15 59 57.077	29 51 36.86		†
7477	8.9	2.4805	+0.0031	−10.023	+0.318	27° 2582
76.	6.10	3	16 0 3.415	27 3 57.99		Z.C. α $3^{s}.40$
77.	5.28	2	3.557	57.79		Z.C. δ 58″.3
77.	6.20	1	3.237	59.13		
7478	9.5	2.4894	+0.0031	−10.019	+0.319	26° 2781
81.	6.24	3	16 0 6.265	26 42 53.54		† v. ft.

7479	$9^{m}.5$	$2^{s}.4391$	$+0^{s}.0030$	$-10''.010$	$+0''.312$	28° 2515
76.	6.19	2	$16^{h}\ 0^{m}12^{s}.950$	28° 39′ 21″.37		
80.	6.21	3	13.195	21.65		
82.	6.15	2	13.484	20.44		
7480	9.0	2.5164	+0.0032	−10.000	+0.322	25° 3025
72.	5.27	3	16 0 21.256	25 37 26.26		Z.C. δ 27″.8
75.	6.24	3	21.232	28.65		
77.	6.13	2	21.391	27.24		
77.	6.14	2	21.557	28.85		
7481	9.1	2.4058	+0.0030	− 9.985	+0.309	29° 2766
84.	6.21	3	16 0 33.039	29 53 24.09		
84.	6.27	4	32.946	21.76		
7482	9.2	2.5277	+0.0033	− 9.983	+0.324	25° 3027
84.	6.14	7	16 0 35.102	25 9 21.33		
84.	6.25	2	35.162	23.22		
84.	6.27	1	35.178	23.56		
7483	9.3	2.4197	+0.0030	− 9.964	+0.311	29° 2767
72.	6.13	3	16 0 50.108	29 21 6.98		†
7484	9.2	2.4902	+0.0031	− 9.895	+0.320	26° 2785
73.	6.12	3	16 1 44.078	26 35 25.75		
73.	6.23	3	44.008	24.73		
74.	6. 8	3	44.058	24.37		
74.	6. 8	2	44.218	23.46		
77.	6.15	3	44.152	25.04		
90.	5.21	7	44.403	24.49		§
7485	9.3	2.4281	+0.0030	− 9.867	+0.312	28° 2519
72.	5.31	3	16 2 6.523	28 57 36.94		
76.	6.16	3	6.332	35.02		
76.	6.19	3	6.407	38.04		
90.	5.22	7	6.540	35.72		
7486	8.3	2.5233	+0.0033	− 9.860	+0.324	25° 3031
73.	6. 9	3	16 2 11.754	25 14 41 48		
73.	6.19	3	11.861	41.76		− 2°
75.	7. 6	3	11.674	42.88		
75.	6.25	3	11.752	42.14		
77.	6.13	3	11.907	41.15		
78.	7. 3	3	11.870	40.93		
7487	9.5	2.4953	+0.0032	− 9.850	+0.321	— —
73.	6.12	2	16 2 19.790	26 21 17.85		†
7488	9.1	2.4166	+0.0030	− 9.831	+0.311	29° 2773
72.	6. 4	2	16 2 34.324	29 21 45.65		§
72.	6.13	1	34.644	45.95		Z.C. δ 45″.6
72.	6.14	2	34.729	44.96		
76.	6 20	3	34.606	45.79		
7489	9.3	2.4434	+0.0031	− 9.830	+0.315	28° 2520
72.	5.31	2	16 2 36.118	28 21 12.59		
76.	6.16	3	35.870	13.84		
76.	6.19	3	35.663	15.48		
76.	6.24	3	35.773	14.14		
7490	7.5	2.4175	+0.0030	− 9.829	+0.311	29° 2774
72	6. 4	3	16 2 36.276	29 19 48.55		§
72.	6.13	2	35.875	48.21		c. d. l. − 1 int.
72.	6.14	2	36.171	47.02		
76.	6.20	3	35.986	47.51		v. c. d. l.
82.	6.29	3	36.066	47.57		− 10′

7491	$9^{m}.0$	$2^{s}.3941$	$+0^{s}.0030$	$-9''.825$	$+0''.308$	30°2755
81.	6.14	3	$16^{h}\,2^{m}39^{s}.493$	$30^{\circ}\,11'\,36''.17$		Z.C. $\delta\,34''.8$
81.	6.22	3	39.584	34.77		
81.	6 24	3	39.526	33.47		
7492	9.5	2.5231	+0.0033	− 9.824	+0.325	25°3034
73.	6.19	3	16 2 40.210	25 13 50.03		†
90.	5.14			50.13		α rejected §
7493	8.7	2.4124	+0.0030	− 9.819	+0.311	29°2775
76.	6.21	3	16 2 44.343	29 30 42.45		
80.	6.19	3	44.399	41.48		c. d. s. p.
80.	6.21	3	44.366	43.88		
83.	6.29	3	44.319	43.51		
85.	6.27	5	44.410	43.10		
7494	8.8	2.4067	+0.0030	− 9.810	+0.310	29°2776
76.	6.21	3	16 2 51.107	29 43 3.11		Z.C. $\delta\,3''.1$
77.	6. 9	3	51.194	3.39		
77.	6.29	3	51.299	2.89		
7495	9.2	2.5008	+0.0032	− 9.766	+0.323	26°2790
81.	6.14	3	16 3 25.619	26 4 29.60		Z.C. $\delta\,29''.0$
81.	6.24	3	25.644	28.59		
86.	7. 1	5	25.575	28.72		
7496	8.5	2.5209	+0.0033	− 9.751	+0.326	25°3036
73.	6. 9	3	16 3 37.677	25 15 44.68		Z.C. $\delta\,45''.0$
75.	7. 6	3	37.739	45.40		$+1'$, w. $4-10^{s}$
77.	6.13	3	37.879	44.79		
7497	9.3	2.4719	+0.0032	− 9.728	+0.319	— —
81.	6.22	2	16 3 55.292	27 10 52.19		Z.C. $\delta\,52''.1$
86.	6.28	7	55.304	51.92		
86.	6.30	5	55.350	52.20		
7498	9.0	2.4725	+0.0032	− 9.727	+0 319	27°2590
81.	6.22	2	16 3 56.169	27 9 28.02		Z.C. $\delta\,28''.5$
86.	6.24	5	55.928	29.03		
86.	6.29	5	56.047	28.39		
7499	9.2	2.4029	+0.0030	− 9.722	+0 311	29°2780
76.	6.20	3	16 4 0.796	29 47 28.27		
76.	6.21	2	0.629	27.28		
77.	6. 9	3	0.580	27.46		
77.	6.29	3	0.754	27.59		
7500	8.7	2.4403	+0.0031	− 9.712	+0.316	28°2524
76.	6.16	3	16 4 8.102	28 23 2.84		
76.	6.19	3	8.116	5.67		
7501	7.5	2.4579	+0.0031	− 9.707	+0.318	27°2591
73.	6.17	3	16 4 11.879	27 42 20.64		n. f. of 2
74.	6.12	3	11.797	20.14		Z.C. $\delta\,20''.4$
76.	6.10	3	11.992	20.61		
77.	6 25	3	11.803	20.20		
7502	9.4	2.4588	+0.0031	− 9.702	+0.318	27°2592
73.	6.17	2	16 4 15.632	27 39 57.26		†
7503	9.0	2.4367	+0.0031	− 9.701	+0.315	28°2526
72.	5.31	3	16 4 17 244	28 30 30.24		
76.	6.24	3	17.049	31.58		
80.	6.21	3	17.129	31.38		
83.	6.29	3	17.074	32.02		

7504	$9^{m}.1$	$2^{s}.4137$	$+0^{s}.0031$	$-9''.696$	$+0''.312$	29°2781
72.	6.13	2	$16^{h}\,4^{m}20^{s}.872$	$29^{\circ}\,22'\,2''.91$		
84.	6.14	3	20.871	0.46		
84.	6.27	3	20.548	2.46		
7505	8.0	2.4680	+0.0032	− 9.687	+0.319	27°2593
74.	6.12	3	16 4 27.442	27 18 6.38		Z.C. $\delta\,6''.2$
77.	5.28	3	27.544	6.76		
77.	6. 5	3	27.514	5.33		
7506	8.8	2.3915	+0.0030	− 9.685	+0.309	30°2759
84.	6.21	5	16 4 29.495	30 10 44.94		
84.	6.25	4	29.603	44.40		
84.	7. 4	7	29.756	43.12		
7507	7.5	2.4929	+0.0032	− 9.676	+0.323	26°2791
73.	6.12	3	16 4 36.421	26 19 29.64		Z.C. $\delta\,30''.2$
73.	6.23	3	36.347	30.49		
77.	6.15	3	36.386	30.59		
7508	8.6	2.3911	+0.0030	− 9.669	+0 309	30°2760
84	6.14	3	16 4 41.942	30 10 45.70		
84	6.28	3	41.812	47.90		
84.	7. 2	7	41.808	46.46		
86.	7. 5	5	41.881	45.38		
7509	9.0	2.4979	+0.0032	− 9.664	+0.324	26°2792
73.	6.23	2	16 4 45.629	26 6 54.80		Z.C. $\delta\,54''.5$
74	6. 9	3	45.557	54.02		
74.	6. 9	2	45.517	54.35		
77.	6.26	3	45.661	54.94		
7510	9.5	2.4862	+0.0032	− 9.662	+0.322	26°2793
74.	6 8	1	16 4 47.162	26 34 34.86		†
7511	7.1	2.5054	+0.0032	− 9.655	+0.325	25°3039
73.	6. 9	3	16 4 52.999	25 48 56 43		
75.	6.24	3	53.182	55.64		
75.	7. 6	3	53.294	56.11		d. l.
7512	9.5	2.5244	+0.0033	− 9.654	+0.327	25°3038
73	6.19	3	16 4 53.380	25 3 15.49		Z.C. $\delta\,15''.8$
77.	6.14	2	53.218	17.56		ex. ft.
80.	6.19	3	53.341	15.66		
81.	6.24	2	53.685	14.39		
7513	6.7	2.4733	+0.0032	− 9.653	+0.321	27°2595
76.	6.10	3	16 4 54 710	27 4 9.95		
77.	6. 5	3	54.813	9.06		
77.	6.20	3	54.775	9.84		
85.	6.27	7	54.673	9.23		
7514	9.5	2.5059	+0.0032	− 9.624	+0.325	25°3040
73.	6.19	3	16 5 16.976	25 46 27.68		
82.	6.15	3	17.532	27.15		
7515	9.0	2.3939	+0.0030	− 9.618	+0.310	30°2762
72.	6. 4	3	16 5 22.153	30 2 5.98		
72.	6.14	3	22.046	5.14		
76.	6.21	3	22.125	4.50		
7516	9.1	2.4928	+0.0032	− 9.614	+0.323	26°2794
81.	6.14	3	16 5 25.193	26 17 23.13		
86.	7. 1	5	25.216	22.31		
90.	5.14	4	25.403	21.55		§

7517	$9^{m}.4$	$2^{s}.4874$	$+0^{s}.0032$	$-9''.606$	$+0''.323$	26°2795
77. 6.15	3	$16^{h}\ 5^{m}31^{s}.355$		26° 29′ 17″.34	Z.C. δ17″.4	
80. 6.21	3	31.366		17.49		
7518	8.7	2.3919	+0.0030	− 9 597	+0.310	30°2763
72. 6. 4	2	16 5 37.895		30 5 51.24		
76. 6.20	3	37.773		51.30		
7519	9.0	2.3897	+0.0030	− 9.592	+0.310	30°2764
86. 7. 5	3	16 5 41.841		30 10 6.61		
86 7. 6	7	41.853		6.57		
87. 6.25	7	42.127		7.30		
87. 6.30	7	42.089		6.03		
7520	9.5	2.4877	+0.0032	− 9.591	+0.323	26°2796
73. 6.12	3	16 5 42.638		26 27 55.97	†	
7521	8.1	2.4810	+0.0032	− 9.586	+0.322	26°2797
77. 6.26	3	16 5 46.972		26 43 27.79		
85. 7. 8	7	46.884		26.99		
7522	9.5	2.4763	+0.0032	− 9.581	+0.321	26°2798
73. 6.23	1	16 5 50.866		26 54 19.82		
80. 6.19	3	50.807		19.58		
90. 5.22	7	50.995		18.53		
7523	8.9	2.4086	+0.0031	− 9.579	+0.313	29°2784
77. 6. 9	3	16 5 52.059		29 28 4.52	Z.C. δ3″.5	
77. 6.29	3	52.029		3.58		
80. 6.29	3	51.930		2.45		
7524	7.3	2.4679	+0.0032	− 9.570	+0.320	27°2597
74. 6.12	3	16 5 58.991		27 13 11.83		
77. 6.20	3	59.034		11.18		
77. 6.25	3	58.918		11.99	$+10^{s}$	
77. 7. 4	3	59.089		11.96		
84. 6.25	3	58.884		11.28		
84. 6.28	7	58.946		11 06		
7525	8.5	2.5169	+0.0033	− 9.558	+0.327	25°3042
73. 6. 9	3	16 6 8.275		25 17 32.16		
75. 6.25	3	8.284		31.26		
77. 6.13	3	8 397		33.64		
7526	9.2	2.5250	+0.0033	− 9.556	+0.328	25°3043
75. 7. 6	2	16 6 10.374		24 57 58.85	Z.C. δ59″.9	
77. 6.14	3	10.316		60.86	Z.C. Ep. 80.1	
81. 6.24	1	10.439		59.67		
82. 6.30	3	10.432		59.07		
83. 6.29	3	10.489		60.83		
7527	9.4	2.3906	+0.0030	− 9.556	+0.311	30°2766
72. 6.14	3	16 6 10.292		30 6 29.04	Z.C. δ29″.2	
77. 6.29	1	10.594		29.61		
82. 6.15	2	10.749		29.09		
7528	8.8	2.5054	+0.0032	− 9.553	+0.325	25°3044
77. 6.13	1	16 6 12.509		25 44 46.99	§	
79. 6.24	3	12.807		42.98	Z.C. δ43″.6	
79. 6.27	3	12.748		44.20		
7529	$7^{m}.3$	$2^{s}.4267$	$+0^{s}.0031$	$-9''.542$	$+0''.316$	28°2529
72. 5.31	3	$16^{h}\ 6^{m}21^{s}.279$		28° 45′ 54″.77		
76. 6.16	3	21.112		52.91		
76. 6.19	3	21.174		55.82		
76. 6.24	3	21.133		54.74	-1^{s}	
7530	8.8	2.4795	+0 0032	− 9.534	+0.322	26°2799
77. 6.15	1	16 6 27.029		26 44 46.85	Z.C. δ46″.5	
77. 6.26	3	27.273		46.22		
7531	9.4	2.4568	+0.0031	− 9.530	+0.320	27°2599
73. 6.17	3	16 6 30.263		27 37 2.65	†Z.C. α 30^{s}.26	
7532	9.5	2.5249	+0.0033	− 9.530	+0.328	25°3045
80. 6.19	2	16 6 30.256		24 57 19.99		
81. 6.22	2	30.599		19.39		
7533	9.0	2.5095	+0.0032	− 9.519	+0.326	25°3046
73. 6.19	3	16 6 38.562		25 33 33.44		
79. 6.24	2	38.798		31.15		
7534	9.3	2.4612	+0.0032	− 9.517	+0.320	27°2600
77. 6. 5	2	16 6 40.757		27 26 18.10	Z.C. δ20″.7	
80. 6.21	2	40.710		20.97		
82. 6.27	2	40.975		20.66		
83. 6.28	3	40.644		22.93		
7535	8.6	2.4480	+0.0031	− 9.510	+0.318	27°2601
74. 6.12	2	16 6 46.093		27 56 16.09		
77. 5.28	3	46.202		14.55		
77. 6.20	3	46.212		18.04		
7536	9.2	2.4771	+0.0032	− 9.488	+0.323	26°2800
84. 6.14	4	16 7 3.484		26 48 29.18		
84. 6.25	3	3.244		30.42		
84. 6.27	5	3.420		30.64		
7537	8.1	2.4783	+0.0032	− 9.473	+0.323	26°2801
73. 6.12	3	16 7 15.033		26 45 14.60	−1 int.	
74. 6. 8	3	14.960		14.72	Z.C. δ14″.5	
74. 6. 9	3	14.858		14.52		
74. 6. 9	3	14.938		14.13		
77. 6.26	1	14.965		14.61		
7538	9.3	2.5019	+0.0032	− 9.459	+0.326	25°3048
81. 6.14	3	16 7 25.656		25 49 8.19		
81. 6.22	3	25.500		8.84	-1^{m}	
85. 6.27	7	25.497		8.53		
7539	6.5	2.4716	+0.0032	− 9.446	+0.322	27°2603
77. 6. 5	1	16 7 35.699		26 59 32.38	Z.C. δ33″.0	
77. 6.20	1	35.665		33.47		
77. 7. 4	3	35.817		33.09		
7540	8.8	2.4223	+0.0031	− 9.436	+0.316	28°2534
72. 5.31	3	16 7 44.014		28 51 9.84		
76. 6.16	3	43.714		8.15		
76. 6 19	3	43.796		11.26		
7541	8.5	2.4747	+0.0032	− 9.416	+0.322	26°2804
73. 6.12	3	16 7 59.154		26 50 54.51	Z.C. δ54″.5	
73. 6.23	3	59.057		54.35		
77. 6.15	2	58.978		56.29		
82. 6.15	3	59.025		53.62		
82. 6.30	3	58.989		53.52		

7542	$8^{m}.3$	$2^{s}.4604$	$+0^{s}.0032$	$-9''.407$	$+0''.321$	27°2607
73.	6.17	3	$16^{h}\ 8^{m}\ 6^{s}.059$		27° 23′ $31''.62$	
74.	6.12	3	6.100		29.78	
77.	5.28	3	6.061		29.96	
77.	7. 4	3	6.000		29.33	
7543	9.0	2.4245	+0.0031	− 9.400	+0 317	28°2535
76.	6.16	3	16 8 11.563		28 44 34.58	
76.	6.19	3	11.685		36.54	
76.	6.24	3	11.303		36.31	
7544	9.2	2.4285	+0.0031	− 9.399	+0.317	28°2536
80.	6.19	3	16 8 12.141		28 35 36.04	Z.C. δ $35''.9$
80.	6.21	3	12.466		35.82	
7545	9.2	2.4544	+0.0032	− 9.395	+0.320	27°2608
83.	6.29	3	16 8 15.214		27 36 46.20	
84.	6.14	1	15.252		43.05	
84.	6.21	4	15.029		46.30	
84.	6.27	4	15.010		46.06	
7546	9.3	2.5074	+0.0033	− 9.395	+0 327	25°3051
73.	6. 9	3	16 8 15.350		25 33 36.44	Z.C. δ $36''.6$
81.	6.14	3	15.340		37.12	
81.	6.24	2	15.533		36.35	
86.	7. 1	7	15.417		36.42	
7547	9.2	2.4159	+0.0031	− 9.382	+0.316	— —
72.	6.14	2	16 8 25.229		29 3 7.50	
92.	6.27	7	25.103		7.32	v. ft.
7548	7.5	2.4153	+0.0031	− 9.356	+0.316	29°2792
72.	6. 4	3	16 8 46.317		29 2 61.02	
72.	6.13	3	46.042		61.46	d.l.
72.	6.14	3	46.086		60.22	d. l.
76.	6.20	3	46.022		62.63	d.
92.	6.24	7	45.811		59.69	§
7549	9.5	2.4002	+0.0031	− 9.327	+0.314	29°2793
76.	6.20	3	16 9 8.224		29 35 24.89	
76.	6.21	2	8.386		26.55	clds. ft.
77.	6 9	3	8.265		26.41	
7550	9.5	2.3998	+0.0031	− 9.310	+0.314	29°2795
77.	6. 9	2	16 9 21.467		29 35 36.11	Z.C. δ $36''.2$
93.	6. 7	7	21.447		36.22	
7551	9.4	2.4724	+0.0032	− 9.300	+0.323	26°2806
73.	6.23	3	16 9 29.139		26 51 25.85	
77.	6.26	3	29.182		26.40	
7552	9.5	2.3995	+0.0031	− 9.288	+0.314	— —
81.	6.22	3	16 9 38.263		29 35 15.54	† Z.C. δ $15''.5$
7553	9.3	2.4803	+0.0032	− 9.273	+0.325	26°2807
73.	6.12	3	16 9 49.686		26 32 14.80	
74.	6. 8	3	49.572		14.26	
74	6. 8	2	49.472		13.08	
80.	6.19	3	49.432		14.01	
80.	6.29	3	49.832		14.31	
83.	6.29	3	49.666		14.66	

7554	$8^{m}.9$	$2^{s}.5235$	$+0^{s}.0033$	$-9''.271$	$+0''.330$	24°2984
84.	6.14	1	$16^{h}\ 9^{m}\ 51^{s}.606$		24° 50′ $30''.35$	
84.	6.21	5	51.668		32.09	
84.	6.27	2	51.485		32.38	
7555	9.0	2.3955	+0.0031	− 9.257	+0.314	29°2798
72.	6. 4	3	16 10 2.557		29 42 38.89	
72.	6.13	3	2.581		38.08	
72.	6.14	3	2.785		38.01	
7556	8.1	2.4923	+0.0033	− 9.217	+0.327	26°2809
73.	6.23	3	16 10 33.194		26 2 18.92	Z.C. δ $19''.6$
77.	6.15	3	33.152		20.43	
77.	6.26	3	33.372		19.30	
7557	6.5	2.4477	+0.0032	− 9.206	+0.321	27°2613
73.	6.17	3	16 10 41.555		27 44 10.46	Z.C. δ $9''.3$
74.	6.12	3	41.380		9.12	
77.	6. 5	3	41.613		7.97	
77.	6.25	2	41.664		9.82	-1^{m}
77.	7. 4	3	41.411		9.68	
84.	6.21	1	41.468		9.26	
84.	6.25	7	41.364		8.94	
84.	6.28	4	41.329		9.36	
7558	8.4	2.5026	+0.0033	− 9.193	+0.328	25°3056
73.	6. 9	3	16 10 51.767		25 36 41.48	
73.	6.19	3	51.668		41.43	
75.	6.25	3	51.772		41.40	
75.	7. 6	3	51.757		41.23	
77.	6.13	3	51.930		42.62	
78.	7. 3	3	51.711		41.20	
78.	7. 3	2	51.731		40.73	
79.	6.24	3	51.947		39.17	
79.	6.24	2	51.857		39.09	
79.	6.27	3	51.747		41.12	
79.	6.27	3	51 777		41.16	
7559	8.3	2.3881	+0.0031	− 9.174	+0.313	29°2799
72.	6. 4	3	16 11 6.710		29 55 12.63	Z.C. δ $12''.8$
76.	6.20	3	6.672		12.89	
77.	6.29	3	6.701		12.91	
7560	8.6	2.4951	+0.0033	− 9.173	+0.327	25°3057
73.	6. 9	3	16 11 7.109		25 53 39.60	
73.	6.19	3	7.030		39.06	
75.	6.24	1	6.851		40.70	
77.	6.14	3	6.980		42.04	
7561	8.7	2.4164	+0.0031	− 9.163	+0.317	28°2541
72.	5.31	3	16 11 14 563		28 52 26.99	
76.	6.16	3	14.746		24.67	
76.	6.19	3	14.768		26.89	
7562	9.4	2.4683	+0.0032	− 9.153	+0.324	26°2813
80.	6.21	3	16 11 22.487		26 54 51.32	
81.	6.22	3	22.456		50.78	
85.	6.27	5	22.473		50.09	
7563	9.0	2.3914	+0.0031	− 9.148	+0.314	29°2802
82.	6.27	3	16 11 26.502		29 47 10.51	
82.	6.29	3	26.380		10.36	
82.	6.30	3	26.520		10.49	
83.	6.26	3	26.184		10.93	
83.	6.28	3	26.621		12.32	
83.	6.29	3	26.534		11.04	
83.	7. 4	3	26.443		10.72	

7564	$8^{m}.6$	$2^{s}.4060$ +$0^{s}.0031$	− $9''.148$ +$0''.316$	29°2801
80. 6.29	3	$16^{h}11^{m}26^{s}.573$	29° 14′ 47″.99	
82. 6.15	3	26.684	48.12	
85. 7. 8	7	26.712	48.48	
7565	9.1	2.4178 +0.0031	− 9.127 +0.318	28°2542
72. 5.31	3	16 11 42.978	28 48 23.20	
76. 6.16	3	42.675	21.71	
76. 6.24	3	42.723	23.99	
7566	5.5	2.3998 +0.0031	− 9.125 +0.316	29°2803
77. 6. 9	3	16 11 44.327	29 27 38.72	Z.C. α $44^{s}.35$
77. 6.29	3	44.407	38.93	Z.C. δ 38″.8
80. 7.13	3	44.341	38.70	
84. 6.28	4	44.339	38.75	
7567	8.9	2.4353 +0.0032	− 9.122 +0.321	28°2543
84. 6.27	2	16 11 46.886	28 8 35.91	
84. 6.30	7	46.791	35.70	
86. 6.29	7	46.859	34.43	
86. 6.30	7	46.729	34.90	
7568	9.1	2.3826 +0.0031	− 9.120 +0.314	30°2784
81. 6.24	3	16 11 47.646	30 4 43.55	
86. 6.24	4	47.797	43.58	ex. ft.: bad
86. 6 28	7	47.477	44.19	
7569	8.4	2.4496 +0.0032	− 9.119 +0.322	27°2616
73. 6.17	3	16 11 49.030	27 36 24.37	
74. 6.12	3	48.963	24.17	
77. 6. 5	3	49.170	21.73	
7570	9.2	2.4360 +0.0032	− 9.114 +0.321	28°2544
80: 6.21	3	16 11 52.884	28 6 45.79	
92. 6.17	7	52.806	44.73	
7571	9.0	2.4872 +0.0033	− 9.108 +0.327	— —
73. 6.23	3	16 11 57.570	26 9 34.69	†
90. 5.14	6	57.982	33.74	ft. §
7572	7.5	2.3915 +0.0031	− 9.091 +0.315	29°2805
72. 6.13	3	16 12 10.345	29 44 10.33	
72. 6.14	3	10.419	10.16	
76. 6.20	3	10.388	10.29	
80. 7.13	2	10.224	10.56	
86. 7. 1	7	10.349	10.05	
7573	7.7	2.4398 +0.0032	− 9 086 +0.321	28°2545
76. 6.19	3	16 12 14.189	27 57 11.66	
76. 6.24	3	14.074	10.82	
82. 6.15	3	14.130	10.20	
7574	9.4	2.3853 +0.0031	− 9.063 +0.314	29°2806
72. 6. 4	3	16 12 32.012	29 56 28.97	+1′
80. 6.19	3	31.846	29.04	
80. 6.29	3	32.257	28.45	
81. 6.22	3	32.004	29.00	
7575	9.5	2.3852 +0.0031	− 9.049 +0.314	29°2807
72. 6.14	2	16 12 42.537	29 56 14.19	Z.C. δ 14″.9
77. 6. 9	2	42.074	15.45	
77. 6.29	1	42.174	15.23	
80. 6.19	3	42.118	14.79	
7576	$8^{m}.8$	$2^{s}.4857$ +$0^{s}.0033$	− $9''.028$ +$0''.327$	26°2816
74. 6. 8	3	$16^{h}12^{m}58^{s}.421$	26° 10′ 5″.83	Z.C. δ 5″.6
74. 6. 8	2	58.231	4.76	
77. 6.26	3	58.452	6.48	
92. 6.24	2	58.605	5.35	
7577	6.5	2.4845 +0.0033	− 9.010 +0.328	26°2817
73. 6.12	3	16 13 13.023	26 12 9.39	
73. 6.23	3	12.891	8.70	
77. 6.15	3	12.865	8.44	
78. 7. 8	3	12.777	8.67	
84. 6.14	3	12.993	5.75	
84. 6.21	4	12.704	9.21	
84. 6.25	7	12.958	8.32	
7578	9.4	2.4857 +0.0033	− 8.989 +0.328	26°2818
84. 6.27	1	16 13 28.171	26 8 37.89	
92. 6.29	7	28.548	38.50	
7579	9.4	2.4966 +0.0033	− 8.988 +0.329	25°3063
73. 6. 9	3	16 13 28.812	25 43 8.96	
73. 6.19	3	28.871	8.96	
78. 7. 3	3	29.222	7.93	
79. 6.24	3	29.027	7.94	
81. 6.24	3	29.177	9.13	
7580	9.2	2.4804 +0.0033	− 8.982 +0.328	26°2819
80. 6.21	3	16 13 33.873	26 20 27.79	
82. 6.15	2	33.528	27.91	-1^{s}
82. 6.27	3	33.920	26.17	
82. 6.29	3	33.676	26.25	
82. 6.30	3	33.746	26.64	
83. 6.26	3	33.724	27.58	
85. 6.27	5	33.720	26 01	
7581	9.4	2.4803 +0.0033	− 8.974 +0.328	26°2820
73. 6.12	3	16 13 40.123	26 20 15.62	
82. 6.27	2	40.320	16.13	
82. 6.30	2	40.256	16.55	
83. 6.26	2	39.994	17.21	
83. 6.28	3	39 989	17.84	
7582	9.4	2.4947 +0.0033	− 8.967 +0.329	25°3064
77. 6.13	2	16 13 45.775	25 46 37.19	†
7583	9.1	2.4171 +0.0032	− 8.962 +0.319	28°2548
76. 6.16	3	16 13 49.095	28 42 48.22	
76. 6.19	3	49.116	51.57	
76. 6 24	3	49.251	51.21	
7584	8.9	2.3803 +0 0032	− 8.949 +0.315	30°2791
81. 6.24	2	16 13 59.313	30 2 28.61	Z.C. δ 29″.0
85. 7. 8	7	59.275	29.17	
86. 7. 1	3	59.168	29.10	
7585	9.5	2.4454 +0.0032	− 8.947 +0.323	27°2619
73. 6.17	3	16 14 0.726	27 39 9.83	Z.C. δ 9″.2
74. 6.12	3	0.556	10.15	
77. 6. 5	3	0.770	7.10	
77. 6.20	3	0.570	9.81	
7586	9.4	2.4686 +0.0032	− 8.947 +0.326	26°2821
77. 6.26	3	16 14 0.823	26 46 23.05	v. ft.
93. 6. 7	7	1.114	24.57	

7587	$9^m.4$	$2^s.5147$	$+0^s.0034$	$-8''.943$	$+0''.332$	— —
	77. 6.14	3	$16^h 14^m 3^s.902$	$24° 58' 55''.45$		†
7588	9.2	2.4436	+0.0032	− 8.943	+0.323	27°2620
	74. 6.12	2	16 14 3.944	27 42 52.91		
	83. 6.28	2	3.914	56.45		
	86. 6.28	5	4.020	53.46		
7589	9.4	2.4451	+0.0032	− 8.925	+0.323	27°2621
	73. 6.17	3	16 14 17.235	27 38 50.38		
	84. 6.14	3	17.593	46.83		
7590	9.5	2.4842	+0.0033	− 8.921	+0.328	26°2823
	73. 6.23	3	16 14 20.859	26 9 27.28		
	80. 6.19	3	20.707	26.89		
7591	8.5	2.4799	+0.0033	− 8.915	+0 328	26°2824
	74. 6. 8	3	16 14 25.732	26 19 7.14		
	77. 6.15	3	25.693	9.63		
	78. 7 8	3	25.807	8.97		
	83. 7. 5	3	25.764	9 66		
7592	8.9	2.4595	+0.0033	− 8 893	+0.326	27°2622
	77. 6. 5	2	16 14 42.294	27 4 53.43		Z.C. δ 54″.7
	77. 6.20	3	42.372	55.79		
	80. 6.21	3	42.360	55.30		
	80. 6.29	3	42.121	54.56		
	86. 7. 5	5	42.111	54.48		
7593	9.1	2.5156	+0.0034	− 8.871	+0.332	24°2995
	81. 6.22	3	16 14 59.298	24 54 14.58		
	86. 6.29	7	59.261	14.30		
	86. 6.30	7	59.247	14.81		
7594	7.5	2.4444	+0.0032	− 8.865	+0.324	27°2623
	73. 6.17	1	16 15 3.632	27 38 0.76		
	77. 6.25	2	3.752	1.11		
	83. 7. 4	3	3.643	0.55		
	83. 7. 5	3	3.472	1.23		
7595	9.3	2.5154	+0.0034	− 8.863	+0.332	— —
	81. 6.22	2	16 15 5.169	24 54 33.22		† Z.C. δ 33″.2
			R.A. probably 1^s too great: see appendix			
7596	7.9	2.4821	+0.0033	− 8.835	+0.329	26°2827
	73. 6.12	3	16 15 26.186	26 11 12.84		Z.C. δ 12″.3
	73. 6.23	3	26.181	11.38		
	77. 6.26	3	26 204	12.66		
7597	8.4	2.4763	+0.0033	− 8.834	+0.328	26°2828
	77. 6.15	3	16 15 27.189	26 24 19.72		Z.C. δ 18″.8
	78. 7. 8	3	26.875	18.35		
	82. 6.15	3	27.051	18.24		
7598	9.3	2.4445	+0.0032	− 8.827	+0 324	27°2625
	77. 6. 5	2	16 15 33.052	27 36 17.11		Z.C. δ 18″.3
	80. 6.21	3	32.974	20.14		
	85. 6.27	5	32.959	17.56		
7599	8.6	2.5055	+0.0034	− 8.820	+0.332	25°3068
	73. 6. 9	3	16 15 38.172	25 16 13.91		
	73. 6.19	3	38.198	13.12		
	75. 7. 6	3	38.276	13.76		
	77. 6.13	3	38.283	14.35		

7600	$9^m.3$	$2^s.4448$	$+0^s.0032$	$-8''.791$	$+0''.324$	27°2628
	74. 6.12	3	$16^h 16^m 0^s.215$	$27° 34' 17''.26$		
	82. 6.27	2	0.649	17.24		
	82. 6.30	3	0.474	16.70		
	83. 6.28	3	0.329	19.48		
7601	9.1	2.4114	+0.0032	− 8.784	+0.320	28°2551
	76. 6.16	3	16 16 5.628	28 48 3.44		
	76. 6.19	3	5.479	6.74		
	76. 6.24	3	5.624	6.24		
7602	9.4	2.4831	+0.0033	− 8.782	+0.330	26°2831
	73. 6.23	1	16 16 6.634	26 6 42.93		
	80. 6.29	3	6.923	44.25		
	86. 7. 5	5	6.530	45.27		
7603	8.5	2.4420	+0.0032	− 8.778	+0.324	27°2629
	77. 6.25	3	16 16 10.176	27 40 2.41		
	80. 6.21	2	10.037	3.33		
	81. 6.24	3	10.209	2.51		
	84. 6.25	7	10.149	3.16		
	84. 7. 2	3	10.105	3.25		
	86. 7. 1	5	10.177	4.24		+ 1′
7604	8.6	2.3996	+0.0032	− 8.777	+0.318	29°2813
	72. 6. 4	3	16 16 10.361	29 13 46.77		
	72. 6.13	3	10.569	45.86		
	72. 6.14	3	10.493	45.91		
	76. 6.20	3	10.279	45.73		
7605	8.4	2.3831	+0.0032	− 8.776	+0.317	29°2814
	76. 6.21	3	16 16 11.494	29 49 14.80		
	77. 6.29	3	11.672	14.15		
	83. 7. 4	3	11.537	14.44		
7606	9.5	2.4835	+0.0033	− 8.772	+0.330	26°2832
	73. 6.12	3	16 16 14.659	26 5 31.11		†
7607	9.2	2.4463	+0.0033	− 8.763	+0.325	27°2630
	82. 6.29	3	16 16 21 594	27 29 49 04		
	82. 6.30	2	21.883	50.16		
	83. 7. 5	3	21.770	50.55		
	84. 6.30	3	21.770	50.29		
7608	8.5	2.3976	+0.0032	− 8.761	+0.318	29°2816
	84. 6.14	5	16 16 22.804	29 17 30.35		
	84. 6.21	4	22.587	33.60		
	84. 7. 4	4	22.805	30.95		
7609	9.5	2.4122	+0.0032	− 8.732	+0.321	28°2553
	76. 6.24	3	16 16 44.901	28 44 25.14		Z.C. δ 25″.6
	80. 6.19	3	44.975	26.09		
7610	8.8	2.4411	+0.0032	− 8.730	+0.324	27°2631
	74. 6.12	3	16 16 46.789	27 40 16.24		
	83 6 28	3	46.815	17.71		
	84. 7. 2	3	46.799	15.14		
7611	9.5	2.4030	+0.0032	− 8.713	+0.320	29°2817
	72. 6. 4	3	16 16 59.932	29 3 55.52		
	72. 6.14	3	59.773	55.09		
	76. 6.20	3	59.805	54.88		
	77. 6.29	3	59.831	55.49		

7612	$8^m.6$	$2^s.5097$	$+0^s.0034$	$-\ 8''.708$	$+0''.334$	25°3071
73	6. 9	3	$16^h\,17^m\ 2^s.982$	$25°\ 2'\ 15''.41$		
73	6.19	3	2 978	14.83		
75.	6.24	3	3.026	14.36		
75.	7. 6	3	2.924	14.69		
7613	9.4	2.4383	+0.0032	− 8.705	+0.324	27°2632
77.	6.20	3	16 17 5.611	27 45 44.82		Z.C. $\delta\,43''.0$
80.	6 29	3	5.585	42.28		
81.	6 22	3	5.560	41.86		
7614	9.0	2.5033	+0.0034	− 8.676	+0.333	25°3073
73.	6. 9	3	16 17 27.767	25 16 8.42		
73	6.19	2	27.761	7.06		
75.	6.25	3	27.662	7.32		
7615	8.3	2.4105	+0.0032	− 8.660	+0.321	28°2554
76	6.16	3	16 17 40.248	28 45 15.05		
76	6.19	3	40.008	17.46		
82	6.15	3	40.222	17.98		
7616	9.4	2.3720	+0.0032	− 8.651	+0.316	30°2799
85.	6.27	3	16 17 46.786	30 8 17.79		†
7617	8.5	2.3722	+0.0032	− 8.642	+0.316	30°2801
84.	6.21	5	16 17 53.918	30 7 28.41		
92.	6.27	7	53.922	28.57		
7618	9.3	2.4371	+0.0033	− 8.637	+0.324	27°2637
73.	6.17	3	16 17 57.742	27 45 31.95		
77.	6. 5	3	57.626	28.44		
77.	6.20	3	57.692	30.37		
80.	6.19	3	57.547	29.48		
7619	9.2	2.4912	+0.0033	− 8.635	+0.332	25°3074
84.	6.14	2	16 17 58.784	25 42 42.54		Z.C. $\alpha\,58^s.59$
84.	6.30	2	58.401	44.17		
84.	7. 4	7	58.583	43.27		
7620	9.4	2.3747	+0.0032	− 8.629	+0.316	30°2802
93.	6. 8	7	16 18 4.456	30 1 51.47		disturbed + 1^s
96	6 5	7	4.624	53.15		
96.	6.15	7	4.701	54.32		
96.	6.26	7	4.707	52.80		
7621	9.2	2.5109	+0.0034	− 8.621	+0.334	24°2999
84.	6.25	3	16 18 9.276	24 56 23.44		
86.	6.30	7	9.474	23.58		
86.	7. 1	4	9.407	23.45		
7622	9.5	2.3870	+0.0032	− 8.614	+0.318	29°2818
72.	6.14	3	16 18 15.006	29 34 41.08		
76.	6.20	2	14.538	41.47		v. ft.
83.	6.28	1	14.417	41.53		
7623	9.1	2.4455	+0.0033	− 8.602	+0.326	27°2638
84.	6.21	1	16 18 23.846	27 25 34.13		
84.	6.28	4	23.804	33.88		
84.	7. 2	2	23.882	32.64		− 1 int
7624	9.3	2 5108	+0.0034	− 8.602	+0.334	24°3000
92.	6.29.	6	16 18 24.671	24 55 58.83		v. ft.
95.	5.31	7	24.377	60.46		
95.	6. 8	7	24.258	61.20		
95.	6.15	7	23.999	62.56		

7625	$9^m.3$	$2^s.4153$	$+0^s.0032$	$-\ 8''.569$	$+0''.322$	28°2556
76.	6.19	3	$16^h 18^m 48^s.914$	$28°\ 31'\ 26''.45$		Z.C. $\delta\ 26''.1$
80.	6.21	3	48 942	25.76		
7626	9.0	2.4070	+0.0032	− 8.567	+0.321	28°2557
76.	6.24	3	16 18 50.374	28 49 33.53		
82.	6.30	3	50.405	32.62		D + 30″
83.	7. 4	3	50.308	33.22		
83.	7. 5	3	50.539	34.54		
7627	9.3	2.5114	+0.0034	− 8.566	+0.335	24°3001
84.	6.27	5	16 18 51.606	24 53 26.48		†
7628	8.5	2.4395	+0.0033	− 8.565	+0.325	27°2639
73.	6.17	3	16 18 52.336	27 37 46.32		Z.C. $\delta\ 45''.4$
74.	6.12	3	52.096	45.35		
77.	6. 5	3	52.244	43.64		
77.	6.20	2	52.057	46.21		
7629	6.8	2.4110	+0.0032	− 8.562	+0.321	28°2559
76.	6.24	3	16 18 54.070	28 40 27.35		
92.	6.24	7	54.246	26.68		
7630	9.2	2.4952	+0.0033	− 8.555	+0.333	25°3076
73.	6. 9	3	16 18 59.985	25 30 40.94		Z.C. $\alpha\ 0^s.01$
73.	6.19	3	59.859	39.84		Z.C. $\delta\ 40''.3$
75.	7. 6	3	60.047	39.91		− 5′
77.	6.13	3	60.162	40.52		
7631	7.5	2.3767	+0.0032	− 8.549	+0.317	29°2821
72	6. 4	3	16 19 3.789	29 54 22.66		Z.C. $\delta\ 22''.2$
72.	6.13	3	3.906	21.81		
76.	6.20	1	3.895	22.41		
77.	6.29	3	3.880	21.97		
7632	9.2	2.3485	+0.0032	− 8.549	+0.314	30°2806
86.	6 28	5	16 19 4.023	30 54 18.20		
87.	6.30	5	4.085	18.70		
7633	9.4	2.4626	+0.0033	− 8.543	+0.329	— —
73.	6.12	3	16 19 8.936	26 45 1.63		Z.C. $\delta\ 2''.8$
73.	6.23	3	8.789	2.58		
77.	6.15	3	9.005	4.19		
7634	8.9	2.4630	+0.0033	− 8.538	+0.329	26°2835
73.	6.12	2	16 19 12.886	26 43 61.57		
73.	6.23	3	12.900	61.99		
74.	6. 8	3	12.548	60.27		
74.	6. 8	2	12.878	59.06		
77.	6.15	3	13.035	61.78		− 1′
78.	7. 8	3	12.870	60.91		
7635	8.5	2.4129	+0.0032	− 8.518	+0.322	28°2560
76.	6.19	3	16 19 27.476	28 34 45.69		
82.	6.15	3	27.471	44.76		
84.	6.30	3	27.703	44.89		− 1′
7636	9.3	2.4287	+0.0033	− 8.517	+0.324	28°2561
80.	6 21	3	16 19 28.583	27 59 56.42		
80.	6.29	3	28.499	55.50		
7637	8.6	2.4273	+0.0033	− 8.499	+0.324	28°2564
80.	6.29	3	16 19 42.087	28 2 30.26		
83.	7. 5	3	42.270	31.74		
85.	7. 8	7	42.147	29.95		

7638	$9^{m}.1$	$2^{s}.4621$	$+0^{s}.0033$	$-8''.494$	$+0''.329$	26°2837
	77. 6.15	1	$16^{h}19^{m}45^{s}.675$	$26^{\circ}44'11''.51$	Z.C. δ $10''.8$	
	78. 7. 8	2	45.479	10.02		
7639	9.5	2.5083	+0.0034	− 8.471	+0.335	25°3078
	93. 6. 7	2	16 20 3.134	24 57 32.91	Z.C. δ $34''.6$	
	95. 6. 7	7	3.316	37.21		
	95. 6.12	7	3.369	34.63		
	95. 6.20	6	3.575	33.73	v. ft.	
7640	9.0	2.3855	+0.0032	− 8.466	+0.319	29°2824
	72. 6.13	3	16 20 6.836	29 32 17.58		
	72. 6.14	3	6.969	17.88		
	77. 6.27	3	6.931	18.70		
7641	9.3	2.4117	+0.0032	− 8.454	+0.322	28°2565
	76. 6.24	3	16 20 16.059	28 35 8.84		
	82. 6.15	2	16.446	6.37		
7642	7.9	2.4937	+0.0033	− 8.447	+0.333	25°3079
	73. 6.19	3	16 20 21.104	25 30 31.76	Z.C. δ $32''.4$	
	75. 7. 6	3	21.335	31.88		
	77. 6.13	2	21.565	34.15		
	78. 7. 3	3	21.467	31.82		
7643	8.4	2.5108	+0.0034	− 8.443	+0.335	24°3006
	84. 6.14	4	16 20 24.465	24 50 35.53		
	84. 6.27	5	24.065	36.99		
	84. 6.28	5	24.053	37.03		
7644	9.5	2.4336	+0.0033	− 8.422	+0.326	— —
	73. 6.17	3	16 20 40.330	27 45 32.31	†	
7645	9.3	2.4982	+0.0034	− 8.419	+0.334	25°3081
	86. 6.30	5	16 20 42.348	25 19 18.43		
	86. 7. 5	5	42.264	18.34		
7646	9.2	2.4691	+0.0033	− 8.414	+0.331	26°2840
	86. 7. 1	5	16 20 46.397	26 25 33.52	†	
7647	9.1	2.3979	+0.0032	− 8.413	+0.321	29°2827
	72. 6. 4	3	16 20 46.843	29 3 24.69	Z.C. δ $24''.1$	
	76. 6.20	3	46.797	24.28		
	77. 6.29	3	46.844	23.78		
	87. 6.30	2	47.120	23.67		
7648	8.7	2.4952	+0.0034	− 8.409	+0.334	25°3082
	73. 6. 9	3	16 20 49.764	25 25 34.42		
	77 6.14	3	49.886	35.62		
	79. 6.27	3	49.915	32.92		
7649	9.1	2.4290	+0.0033	− 8.402	+0.325	27°2643
	84. 6.21	5	16 20 55.224	27 55 11.09		
	84. 6.25	5	55.255	10.60		
	84. 7. 2	4	55.074	10.03	−5′	
	84. 7. 4	7	55.196	9.54		
7650	9.2	2.4806	+0.0033	− 8.385	+0.332	26°2841
	73. 6.12	3	16 21 8.228	25 58 32.54		
	77. 6.26	3	8.150	32.53		
	82. 6.27	3	8.173	30.56		
	82. 6.30	2	8.344	32.25		
	83. 7. 2	3	8.302	32.13		
	83. 7. 4	3	8.229	33.05		

7651	$9^{m}.0$	$2^{s}.4329$	$+0^{s}.0033$	$-8''.359$	$+0''.326$	27°2644
	73. 6.17	3	$16^{h}21^{m}28^{s}.078$	$27^{\circ}44'48''.05$	Z.C. δ $46''.4$	
	77. 6. 5	3	28.038	44.73		
	77. 6.20	3	28.017	46.32		
7652	9.1	2.4430	+0.0033	− 8.354	+0.327	27°2645
	84. 6.14	4	16 21 31.556	27 22 9.26		
	84. 6.30	5	31.303	11.01		
7653	9.1	2.4246	+0.0033	− 8.340	+0.325	28°2568
	85. 6.27	5	16 21 41.799	28 2 34.71		
	91. 7. 2	7	42.103	33.97		
7654	9.0	2.3952	+0.0032	− 8.337	+0.322	29°2830
	72. 6.14	3	16 21 44.479	29 6 38.51		
	83. 6.26	3	44.260	39.48		
	83. 6.28	3	44.327	40.78		
7655	9.0	2.4065	+0.0032	− 8.334	+0.323	28°2569
	76. 6.19	3	16 21 46.700	28 41 46.54		
	83. 7. 5	2	46.709	47.02		
	84. 7. 7	3	46.945	45.85		
7656	9.5	2.5024	+0.0034	− 8.321	+0.336	— —
	73. 6.19	3	16 21 56.243	25 5 53.20	†	
7657	8.9	2.4477	+0.0033	− 8.300	+0.328	27°2646
	77 6. 5	3	16 22 12.291	27 9 59.59	Z.C. δ $0''.8$	
	77. 6.20	3	12.169	61.57		
	82. 6.15	3	12.345	61.27		
7658	9.0	2.4917	+0.0034	− 8.298	+0.334	25°3084
	73. 6. 9	3	16 22 13.707	25 30 6.98		
	80. 6.29	3	13.808	7.32		
	82. 6.30	2	13.817	6.95		
	86. 6.30	5	13.712	7.54		
7659	9.2	2.4653	+0.0033	− 8.296	+0.331	26°2843
	74. 6. 8	3	16 22 15.033	26 30 15.29		
	83. 6.26	3	15.090	15.63		
	83. 7. 4	3	15.048	16.43		
7660	9.1	2.4946	+0.0034	− 8.267	+0.335	25°3085
	86. 6.28	5	16 22 37.354	25 22 21.70	−2°	
	86. 7. 1	5	37.594	22.69		
7661	7.9	2.4918	+0.0034	− 8.256	+0.335	25°3086
	73. 6. 9	3	16 22 45.406	25 28 30.33	Z.C. δ $30''.6$	
	77. 6.13	3	45.478	32.62		
	79. 6.27	3	45.425	29.43		
	80. 7.15	3	45.416	30.06		
7662	6.5	2.4710	+0.0034	− 8.256	+0.332	26°2845
	78. 7. 8	3	16 22 45.553	26 15 48.31		
	80. 6.21	3	45.731	47.39		
	84. 6.27	7	45.535	47.57		
7663	8.8	2.4562	+0.0033	− 8.250	+0.330	26°2846
	73. 6.12	3	16 22 50.448	26 49 12.46		
	80. 6.29	3	50.182	11.25		
	84. 7. 2	7	50.174	11.03		

7664 $9^{\mathrm{m}}.3$ $2^{\mathrm{s}}.5074$ $+0^{\mathrm{s}}.0034$ $-\ 8''.242$ $+0''.336$ 24°3011

86. 7. 5	5	$16^{\mathrm{h}}22^{\mathrm{m}}56^{\mathrm{s}}.113$	24° 51′ 49″.30	†

7665 8.6 2.4829 +0.0034 − 8.224 +0.334 25°3087

83. 6.28	3	16 23 9.318	25 47 40.81	
84. 6.21	4	9.223	39.69	−1′
84. 6.30	2	9.219	40.65	

7666 8.4 2.3697 +0.0032 − 8.218 +0.318 29°2833

72. 6. 4	3	16 23 14.055	29 56 30 92
72. 6.13	3	13.868	30.94
72. 6.14	3	13.931	29.55
76. 6.20	3	14.049	30.37

7667 9.0 2.4390 +0.0033 − 8.214 +0.328 27°2649

73. 6.17	3	16 23 16.892	27 26 14.91
82. 6.15	3	17.104	11.28
84. 7. 7	5	16.971	13 59

7668 9.2 2.4998 +0.0034 − 8.206 +0.336 — —

73. 6.19	3	16 23 23.256	25 8 17.70	Z C. δ 18″.3
77. 6.14	3	23.284	18.85	

7669 6.8 2.3860 +0.0033 − 8.192 +0.321 29°2834

80. 7.15	3	16 23 33.604	29 21 9.27	Z.C. δ 9″.6
84. 6.25	5	33.553	9.15	
84 6.28	7	33.489	10.31	

7670 9.0 2.4994 +0.0034 − 8.185 +0.336 25°3090

73. 6.19	3	16 23 38.853	25 8 32.78
79. 6.27	3	39.010	32.93
82. 6.27	3	38.837	33.12
82. 6.29	3	38.921	33.03
83. 7. 4	3	38.895	34.16

7671 9.2 2.3674 +0 0032 − 8.178 +0.319 30°2817

72. 6. 4	3	16 23 43.828	30 0 17.79
72. 6.14	2	44.103	18.18
80. 6.21	3	43.904	19.30
83. 7. 5	3	44.061	18.29
85. 6.27	5	43.854	17.68

7672 9.2 2.5014 +0.0034 − 8.168 +0.337 25°3091

80. 6.19	3	16 23 51.842	25 3 19.86	Z.C. δ 20″.7
80. 6.29	2	51.974	21.50	

7673 9.3 2.4519 +0.0033 − 8.153 +0.330 26°2848

73. 6 12	3	16 24 3.278	26 55 23.92
78. 7. 8	3	3.211	23.64
82. 6.29	2	3.322	22.19
82. 6.30	3	3.168	22.62
83. 6 28	3	3.107	23.60

7674 9.3 2.4491 +0.0033 − 8.112 +0.330 27°2653

73. 6.17	3	16 24 33.446	27 0 11 26	Z.C. δ 10″.8
77. 6. 5	3	33.450	9.19	
77. 6.20	3	33.364	11.80	

7675 9.1 2.3849 +0.0033 − 8.089 +0.322 29°2835

86. 6.28	5	16 24 50.546	29 19 49.95	†

7676 $8^{\mathrm{m}}.5$ $2^{\mathrm{s}}.3992$ $+0^{\mathrm{s}}.0033$ $-\ 8''.079$ $+0''.324$ 28°2573

76. 6.19	3	$16^{\mathrm{h}}24^{\mathrm{m}}58^{\mathrm{s}}.604$	28° 48′ 45″.63
83. 7. 5	3	58.686	46.60
84. 6.25	3	58.625	44.72

7677 9.4 2.3967 +0.0033 − 8.059 +0.323 28°2574

76. 6.19	2	16 25 13.205	28 53 21.19
82. 6.15	3	13.369	20.94

7678 9.1 2.3875 +0.0033 − 8.045 +0.322 29°2837

84. 6.21	4	16 25 23.730	29 12 49.83	$+1^{\mathrm{s}}$
84. 6.27	4	23.681	49.44	
84. 7. 2	7	23.837	48.56	

7679 9.4 2.4081 +0.0033 − 8.025 +0.325 28°2576

82. 6.30	3	16 25 39.183	28 27 39.11	
83. 7. 2	3	39.226	40.12	
84 6.30	1	38.983	38.99	ex. ft.

7680 8.8 2.4225 +0.0033 − 8.020 +0.327 27°2655

73. 6.17	3	16 25 42.859	27 55 60.13	Z.C. δ 58″.8
77. 6. 5	3	43 050	56.34	
77. 6.20	2	42.885	59.78	

7681 8.1 2.4661 +0.0034 − 8.016 +0.333 26°2851

73. 6.12	3	16 25 45.530	26 19 9.95
78. 7. 8	3	45.521	9.03
83. 6.28	3	45.518	10.87
83. 7. 4	3	45.626	8.12

7682 8.5 2.3794 +0.0033 − 8.001 +0.322 29°2840

72. 6. 4	3	16 25 57.029	29 28 29.72	$+7^{\mathrm{s}}$
72. 6.13	3	56.929	30.89	
72. 6.14	3	57.102	30.83	
76. 6.20	3	57.160	31.25	

7683 8.9 2.3996 +0.0033 − 7.991 +0.324 28°2579

76. 6.19	2	16 26 4.103	28 44 41.10
80. 6.21	3	4.227	41.06
84. 7. 7	3	4.190	40.86

7684 9.4 2.3757 +0.0032 − 7.977 +0.321 29°2842

80. 6.19	3	16 26 14.416	29 35 36.68	Z.C. δ 37″.5
92. 6.29	7	14.314	36.53	
93. 6. 7	7	14.197	38.43	
93. 6. 8	7	14.329	38.31	

7685 7.9 2.4710 +0.0034 − 7.976 +0.334 26°2852

77. 6.15	3	16 26 15.776	26 6 46.79	Z.C. δ 46″.2
78. 7. 8	3	15.622	45.98	
83. 7. 5	3	15.591	45.77	

7686 9.4 2.3788 +0.0033 − 7.973 +0.322 29°2843

76. 6.20	3	16 26 17.679	29 28 46.88
83. 6.28	2	17.749	48.17

7687 8.8 2.4826 +0.0034 − 7.973 +0.336 25°3093

73. 6. 9	3	16 26 18.034	25 40 20.06	Z.C. δ 20″.2
73. 6.19	3	18.031	19.73	
77. 6.13	3	18.223	22.20	
84. 6.25	2	18.047	18.81	
84. 6.28	7	18.033	20.18	

7688	8^m5	2^s4548 $+0^s0033$	$-\ 7''962$ $+0''332$	26°2854
73. 6.12	3	$16^h26^m26^s063$	26° 42′ 41″27	
82. 6.15	3	25.972	38.42	
7689	9.1	2.3995 +0.0033	− 7.942 +0.325	28°2580
82. 6.27	3	16 26 40.553	28 43 17.89	
84. 7. 7	2	40.646	18.01	
7690	8.0	2.3670 +0.0033	− 7.938 +0.320	29°2844
80. 6.29	3	16 26 43.828	29 52 25.26	Z.C.δ25″9
80. 7.15	3	44.040	26.64	
85. 6.27	5	43.805	25.90	
7691	9.1	2.3834 +0.0033	− 7.937 +0.323	29°2845
72. 6.14	3	16 26 44.654	29 17 41.86	
83. 7. 2	3	44.611	42.90	
83. 7. 4	3	44.724	44.26	
7692	7.5	2.4653 +0.0034	− 7.935 +0.334	26°2855
73. 6.23	3	16 26 46.044	26 18 8.87	Z.C.δ8″7
77. 6.15	2	46.205	8.84	
77. 6.26	2	45.922	8.53	
7693	9.0	2.5016 +0.0034	− 7.934 +0.338	24°3020
86. 6.28	7	16 26 46.976	24 55 25.75	
92. 6.24	7	46.998	25.54	v. ft.
7694	7.7	2.4963 +0.0034	− 7.906 +0.338	25°3094
73. 6. 9	3	16 27 7.686	25 7 1.26	
73 6.19	3	7.792	0.43	
75. 7. 6	3	7.910	0.32	
77. 6.14	3	7.829	1.02	
7695	9.0	2.5013 +0.0034	− 7.899 +0.338	24°3022
85. 7. 6	7	16 27 12.828	24 55 11.88	
92. 6.27	7	12.701	11.83	
7696	9.0	2.3909 +0.0033	− 7.888 +0.324	29°2846
72. 6.13	3	16 27 20.905	28 59 54.20	
76. 6.20	3	20.999	55.61	
7697	8.6	2.3805 +0.0033	− 7.885 +0.323	29°2847
77. 6.29	3	16 27 23 299	29 21 59.68	
80. 6.19	3	23.298	58.22	
80. 6.21	3	23.395	59.99	
7698	7.9	2.4193 +0.0033	− 7.884 +0.327	28°2581
73. 6.17	3	16 27 24.319	27 58 33.79	Z.C.α24ˢ25
73. 6.17	1	24.349	33.07	Z.C.δ32″4
76. 6.24	3	24.356	31.78	
77. 6 20	2	23.980	33.21	
80. 6.29	3	24.135	31.11	
83. 7. 5	3	24.340	32.94	
85. 7.14	5	24.270	30.71	
7699	9.2	2.3603 +0.0033	− 7.879 +0.320	30°2828
72. 6. 4	3	16 27 27.612	30 4 33.33	
77. 6.27	2	27.681	33.80	ft.
7700	9.3	2.4416 +0.0033	− 7.861 +0.331	27°2656
91. 7. 2	5	16 27 40.994	27 8 54 68	† v. ft.

7701	9^m4	2^s5029 $+0^s0034$	$-\ 7''839$ $+0''340$	24°3024
87. 6.30	7	$16^h27^m57^s618$	24° 49′ 30″25	†
7702	8.8	2.4162 +0.0033	− 7.831 +0.328	28°2582
73. 7. 4	3	16 28 3.752	28 3 34.40	
76. 6.19	3	3.629	35.07	
76. 6.24	2	3.716	33.64	
7703	7.8	2.4730 +0.0034	− 7.823 +0.335	25°3097
75. 7. 6	3	16 28 9.666	25 57 23.83	
79. 6.24	3	9.828	21.84	
79. 6.27	3	9.795	22.58	
7704	8.4	2.4941 +0.0034	− 7.805 +0.339	25°3098
73. 6.19	3	16 28 22.745	25 8 46.24	
80. 6.21	3	22.688	46.13	
80. 7.15	3	22.806	46.25	
84. 6.25	4	22.627	46.27	
84. 6.30	5	22.661	46.89	
7705	9.1	2.3876 +0.0033	− 7.805 +0.324	29°2850
72. 6.13	3	16 28 22.844	29 4 19.09	Z.C.δ19″6
77. 6.27	3	22.775	19.30	
77. 6.29	2	22.783	20.46	
7706	8.8	2.4814 +0.0034	− 7.790 +0.337	25°3099
78. 7. 3	3	16 28 34.284	25 37 26.80	
82. 6.15	3	34.032	27.29	
82. 6.30	3	34.008	27.38	
83. 6.28	3	33.982	28.88	
83. 7. 4	3	33.957	28.72	
7707	9.0	2.4970 +0.0034	− 7.784 +0.339	25°3100
73. 6.19	3	16 28 38.241	25 1 33.50	
79. 6.27	3	38.440	33.61	
80. 6.29	3	38.298	33.32	
85. 7.15	7	38 293	34.36	
85. 7.17	5	38.227	33 99	
7708	9.4	2.4625 +0.0034	− 7.770 +0.335	— —
73. 6 23	3	16 28 48.754	26 19 23.19	
77. 6 26	3	48.905	24.05	
7709	7.7	2.4779 +0.0034	− 7.763 +0.337	25°3101
73. 6. 9	3	16 28 54.362	25 44 24.09	
79. 6.24	3	54.426	22.38	
80. 7.13	1	54.543	22.14	
80. 7.15	3	54.402	23.11	
85. 6.27	5	54.402	23.04	
7710	8.8	2.4996 +0.0034	− 7.729 +0.340	24°3027
84. 6.21	7	16 29 19.838	24 54 3.07	
84. 6.28	4	19.769	1.72	
84. 7. 2	7	19.827	2.36	
7711	9.2	2.4632 +0.0034	− 7.719 +0.335	26°2860
73. 6.12	3	16 29 27.172	26 16 12.30	
73. 6.23	3	27.014	11.74	
74. 6. 8	3	26.940	11.97	
74. 6. 8	2	26.870	10.03	
78. 7. 8	3	27.159	11.17	

7712	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}4998$	$+0^{\mathrm{s}}0034$	− 7″704	+0″340	24°3028
	84. 6.27	7	$16^{\mathrm{h}}29^{\mathrm{m}}37^{\mathrm{s}}717$	24° 52′ 42″64		$+1^{\mathrm{m}}$
	86. 6.29	5	37.730	41.84		
7713	9.2	2.4869	+0.0034	− 7.696	+0.338	25°3103
	73. 6. 9	3	16 29 44.024	25 21 57.04		
	75. 7. 6	3	44.243	57.02		
	84. 6.25	3	44.056	56.50		
	84. 7. 4	7	44.119	56.42		
	84. 7. 7	3	44.067	57.58		
7714	9.3	2.4621	+0.0034	− 7.672	+0.335	26°2862
	77. 6.26	3	16 30 1.474	26 17 15.06		†
7715	9.0	2.3759	+0.0033	− 7.652	+0.323	— —
	72. 6.14	3	16 30 16.906	29 23 53.44		
	92. 7. 4	4	16.754	53.83		
7716	9.0	2.4114	+0.0033	− 7.639	+0.329	28°2585
	73 7. 1	3	16 30 26.017	28 7 46.21		
	73. 7. 4	3	26.176	45.06		
	76. 6.19	3	25.842	44.19		
	76. 6.24	3	25.969	45.53		
7717	8.8	2.4496	+0.0033	− 7.638	+0.333	26°2863
	73. 6.12	3	16 30 27.389	26 43 58.53		Z.C. δ 58″4
	75. 7.12	3	27.327	58.08		
	77. 6.15	3	27.456	58.41		
	78. 7. 8	3	27.151	58.65		
7718	8.9	2.3746	+0.0033	− 7.617	+0.323	29°2851
	72. 6. 4	3	16 30 42.422	29 25 40.69		
	72. 6.13	3	42.578	40.75		
	76. 6.20	3	42.401	40.90		
7719	8.5	2.4111	+0.0033	− 7.616	+0.329	28°2586
	73 7. 1	3	16 30 43.366	28 7 45.53		
	73. 7. 4	3	43.394	45.21		
	76. 6.19	3	43.362	46.15		
	76. 6.24	3	43.328	45.55		
	77. 7. 7	3	43.382	46.36		$+1^{\mathrm{s}}$
7720	9.0	2.4749	+0.0034	− 7.604	+0.337	25°3107
	73. 6. 9	3	16 30 51.964	25 46 28.71		
	73. 6.19	3	51.877	27.00		
	75. 7. 6	3	52.000	28.31		
	77. 6.13	3	52.078	27.32		
	78. 7. 3	3	52.041	26.44		
7721	8.5	2.3577	+0.0033	− 7.594	+0.321	30°2843
	77. 6.27	3	16 30 59.341	30 0 11.01		+ 5′
	77. 6.29	2	59.510	10.06		Z.C. δ 10″4
	84. 6.28	4	59.192	10.11		
7722	9.4	2.3631	+0.0033	− 7.594	+0.322	29°2854
	85. 6.27	7	16 30 59.995	29 48 59.92		
	86. 6.28	7	60.054	60.25		
	86. 7. 1	7	60.011	60.70		
7723	9.5	2.4152	+0.0033	− 7.581	+0.329	— —
	73. 6.17	3	16 31 9.246	27 57 42.02		Z.C. δ 42″6
	77. 6.20	2	9.075	43.28		
7724	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}4413$	$+0^{\mathrm{s}}0033$	− 7″569	+0″333	27°2657
	86. 7. 5	7	$16^{\mathrm{h}}31^{\mathrm{m}}18^{\mathrm{s}}338$	27° 0′ 13″57		
	92. 6.29	7	18.584	15.04		
7725	9.3	2.3862	+0.0033	− 7.555	+0.325	28°2587
	73 7. 4	2	16 31 28.455	28 58 51.54		
	76. 6.19	1	28.372	53.26		
	76. 6.24	2	28.190	52.44		
	77. 7. 7	2	28.372	52.54		
	84. 6.21	5	28.346	52.48		
	84. 6.30	7	28.184	53.09		
	84. 7. 7	4	28.221	53.12		
7726	9.5	2.4785	+0.0034	− 7.552	+0.338	25°3108
	73. 6.19	3	16 31 30.975	25 36 51.84		†
7727	7.7	2.4468	+0.0033	− 7.536	+0.334	26°2864
	73. 6.23	3	16 31 42 913	26 47 21.51		
	75. 7.12	3	42.972	20.79		
	77. 6.15	3	43.041	20.90		
	78. 7. 8	3	42.796	21.35		
7728	9.3	2.4615	+0.0034	− 7.521	+0.336	26°2865
	73. 6.12	3	16 31 53 447	26 13 59.46		
	73. 6.23	2	53.307	58.86		
	75. 7.12	2	53.343	57.86		
	77. 6.26	3	53.195	58.18		− 1′
	78. 7. 8	1	53.338	58.20		
7729	9.5	2.3757	+0.0033	− 7.512	+0.325	29°2855
	76. 6.20	3	16 32 0.739	29 19 58.48		? dble. §
	93. 6. 8	7	0.130	55.48		
	94. 6.21	7	0.292	59.65		
	94. 6.27	7	0.107	54.57		
7730	8.2	2.4404	+0.0033	− 7.512	+0.333	27°2659
	73. 6.17	3	16 32 0.527	27 0 23.16		Z.C. δ 22″7
	77. 7. 4	3	0.358	23.02		
	80. 6.29	3	0.399	21.88		
	85. 7.14	7	0.443	22.83		
7731	9.5	2.3762	+0.0033	− 7.510	+0.325	29°2856
	80. 6.19	3	16 32 1.869	29 18 54.19		Z.C. δ 54″9
	80. 6.21	2	2.232	55.57		w. $2-1^{\mathrm{s}}$
7732	9.4	2.4130	+0.0033	− 7.502	+0.329	28°2588
	92. 7. 7	7	16 32 7.836	27 59 57.58		
	93. 6.12	4	7.444	58.10		
7733	9.1	2.3998	+0.0033	− 7.470	+0.328	28°2589
	84. 6.25	4	16 32 30.923	28 27 28.01		
	84. 6.27	7	30.960	27.49		
	84. 6.28	5	30.948	27.81		
	84. 7. 2	4	31.126	27.81		
7734	8.0	2.4230	+0.0033	− 7.460	+0.331	27°2660
	77. 6. 5	3	16 32 38.545	27 36 59.12		
	80. 7.15	3	38.502	61.26		
	82. 6.30	3	38.486	59.91		
	83. 6.28	3	38.546	63.32		
	83. 7. 4	3	38.525	61.63		

7735 $7^m.6$ $2^s.3818$ $+0^s.0033$ − $7''.460$ $+0''.326$ 29°2858

72. 6. 4	3	$16^h 32^m 38^s.908$	29° 5′ 22″.95	Z.C. δ 23″.0
72. 6.14	3	39.123	23.13	
77. 6.27	3	38.872	22.89	

7736 9.1 2.3991 +0.0033 − 7.457 +0.328 28°2590

84. 7 4	4	16 32 41.222	28 28 33.42	†

7737 6.5 2.4317 +0.0033 − 7.452 +0.333 27°2661

77. 7. 4	3	16 32 44.775	27 17 47.03	
80. 6.29	3	44.732	46.47	
80. 7.13	3	44.900	46.17	
85. 7. 6	7	44.865	46.51	
85. 7. 8	7	44.906	46.52	
85. 7.10	7	44.749	46.02	

7738 8.8 2.4234 +0.0033 − 7.433 +0.332 27°2662

77. 6. 5	2	16 32 58.775	27 35 15.22	
77. 6.20	3	58.688	17.37	
82. 6.30	3	59.050	16.03	
83. 6.28	2	58.842	18.00	
83. 6.29	3	58.868	16.48	
83. 7. 4	3	58.762	16.70	

7739 8.7 2.3625 +0.0033 − 7.423 +0.323 29°2859

76. 6.20	3	16 33 6.170	29 44 48.06	Z.C. δ 47″.9
77. 6.29	3	6.258	48.19	
80. 6.21	3	6.331	48.52	
80. 7.13	3	6.125	48.20	
87. 6.30	7	6.316	46.40	

7740 8.7 2.4752 +0.0034 − 7.421 +0.338 25°3110

73. 6. 9	3	16 33 7.534	25 40 36.16	
73. 6.19	3	7.615	35.61	
75. 7. 6	3	7.655	35.72	

7741 9.0 2.4200 +0.0033 − 7.420 +0.331 27°2663

82. 6.29	3	16 33 8.280	27 42 20.64	
83. 7. 2	3	8.067	21.76	
84. 6.30	5	8.042	22.38	
84. 7. 7	7.	8.117	21.50	

7742 8.0 2.3569 +0.0033 − 7.402 +0.322 29°2860

72. 6. 4	1	16 33 21.841	29 55 46.32	
72. 6.13	2	21.895	45.37	
77. 6.27	2	21.832	45.07	

7743 9.0 2.3571 +0.0033 − 7.391 +0.322 29°2861

72. 6.13	2	16 33 29.626	29 55 3.64	Z.C. δ 4″.3
77. 6.27	2	29.270	4.61	
77. 6.29	3	29.438	4.14	
83. 7. 5	3	29.491	4.77	

7744 7.4 2.4937 +0.0034 − 7.358 +0.341 24°3038

84. 6.21	7	16 33 54.195	24 56 51.29	
84. 6.25	7	54.248	50.39	
84. 7. 4	4	54.289	49.85	

7745 9.5 2.4936 +0.0034 − 7.347 +0.341 24°3040

93. 6. 7	7	16 34 2.020	24 56 46.07	
93. 6.13	7	1.860	45.44	

7746 $9^m.1$ $2^s.3802$ $+0^s.0033$ − $7''.347$ $+0''.326$ 29°2863

85. 6.27	5	$16^h 34^m 2^s.463$	29° 5′ 6″.74	
85. 7.15	5	2.432	6.40	
85. 7.17	5	2.507	6.03	

7747 9.0 2.4347 +0.0033 − 7.340 +0.334 27°2664

73. 6.17	3	16 34 7.351	27 8 3.43	
73. 6.17	1	7.671	3.51	
77. 6.20	3	7.156	2.95	
80. 6.29	3	7.345	1.99	
86. 7. 5	5	7.305	2.53	

7748 9.4 2.3914 +0.0033 − 7.339 +0.327 28°2591

73. 7. 1	2	16 34 8.283	28 41 22.92	
76. 6.19	3	8.277	24.83	
76. 6.24	3	8.232	23.81	

7749 9.0 2.4412 +0.0034 − 7.337 +0.334 26°2872

73. 6.12	3	16 34 9.757	26 53 32.07	
73. 6.23	2	9.756	30.65	
75. 7.12	3	9.797	31.02	

7750 9.1 2.4102 +0.0033 − 7.334 +0.330 28°2592

86. 6.28	5	16 34 11.777	28 0 51.57	+ 5′
86. 7. 1	5	11.711	51.23	

7751 9.3 2.4718 +0.0034 − 7.334 +0.339 25°3111

73. 6. 9	3	16 34 11.885	25 45 39.25	
78. 7. 3	3	11.985	37.12	

7752 9.0 2.4545 +0.0034 − 7.316 +0.336 26°2874

74. 6. 8	3	16 34 24.950	26 23 44.00	Z.C. δ 44″.6
78 7. 8	3	25.016	45.22	
80. 6.19	3	24.985	43.89	
83. 6.26	3	24.991	44.59	
83. 7. 2	3	25.070	45.50	

7753 7.3 2.3689 +0.0033 − 7.309 +0.325 29°2864

83. 6.28	3	16 34 29.778	29 27 51.25	
84. 6.27	5	29.762	50.29	
84. 7. 2	4	29.798	49.59	

7754 9.1 2.4304 +0.0033 − 7.304 +0.333 27°2666

86. 6.29	3	16 34 34.065	27 16 10.65	+ 5′
86. 6.30	5	33.958	9.80	c.d.

7755 9.5 2.4698 +0.0034 − 7.298 +0.339 — —

73. 6.19	3	16 34 38 262	25 49 11.07	†

7756 8.2 2.4705 +0.0034 − 7.280 +0.339 25°3113

73. 6.19	3	16 34 51.692	25 46 49.67	
78. 7. 3	3	51.706	49.99	

7757 9.2 2.3741 +0.0033 − 7.256 +0.326 29°2865

72. 6.14	3	16 35 8.875	29 15 21.29	d.s.p.
80. 6.29	3	8.878	21.16	c.d.s.p.
82. 6.30	3	9.030	22.59 §	Z.C. δ 21″.2
83. 6.29	3	8.755	22.12 §	c.d.s.p.
91. 7. 2	3	9.136	22.35 §	ex. ft.

7758 9.3 2.3931 +0.0033 − 7.255 +0.329 28°2595

76. 6.19	3	16 35 9.875	28 35 5.04	Z.C. δ 4″.9
76. 6.24	3	9.970	5.11	
77. 7. 7	3	10.111	4.63	

7759	$9^{m}3$	$2^{s}3771$	$+0^{s}0033$	− 7″249	+0″326	29°2866
72. 6.13	2	$16^{h}35^{m}14^{s}243$		29° 8′ 45″61		
92. 7. 4	7	13.950		45.85		
7760	8.1	2.3492	+0.0033	− 7.221	+0.323	30°2858
72. 6. 4	3	16 35 34.405		30 6 5.26		Z.C. δ 4″8
77. 6.27	3	34.593		4.74		
77. 6.29	3	34.561		5.01		
86. 6.28	4	34.597		4.26		
7761	7.9	2.3761	+0.0033	− 7.207	+0.326	29°2867
72. 6.13	1	16 35 45.690		29 9 30.94		
83. 6.28	3	45.306		33.49		
84. 6.30	7	45.270		32.20		
7762	6.0	2.4877	+0.0034	− 7.201	+0.342	25°3115
84. 6.21	5	16 35 49.580		25 6 5.72		
84. 6.25	7	49.604		5.51		
84. 7. 2	4	49.578		5.20		
7763	9.3	2.4621	+0.0034	− 7.191	+0.338	26°2876
82. 6.30	3	16 35 56.861		26 3 9.81		
83. 6 26	3	57.055		11.72		
92 6.29	7	57.217		11.95		
7764	9.0	2.4427	+0.0033	− 7.190	+0.336	26°2877
74. 6. 8	3	16 35 58.072		26 45 57 79		w. 2.3 + 10^{s}
74. 6. 8	2	58.242		57.20		
77. 6.15	3	58.189		58.23		
78. 7. 8	3	58.210		59.09		
7765	9 4	2.4612	+0.0034	− 7.185	+0.338	26°2878
83. 6.26	2	16 36 1.192		26 5 5.43		
95. 5.31	7	1.136		5.34		
95. 6. 7	7	0.913		6.68		
95. 6. 8	7	1.152		7.74		ft.
7766	9.4	2.3948	+0.0033	− 7.181	+0.329	28°2599
76. 6.24	3	16 36 3.909		28 29 29.44		
86. 7. 1	5	4.208		27.15		
7767	8.9	2.3814	+0.0033	− 7.177	+0.327	28°2600
76. 6.19	3	16 36 6.815		28 57 40.99		Z.C. δ 40″3
77. 7. 7	3	6.925		39.94		
86. 6.30	3	6.888		39.93		
7768	9.1	2.4032	+0.0033	− 7.177	+0.330	28°2601
86. 7. 5	5	16 36 7.096		28 11 12.38		†
7769	7.3	2.4544	+0.0034	− 7.150	+0.337	26°2879
78. 7. 8	3	16 36 26.790		26 19 21.23		
83. 7. 5	3	26.884		21.55		
84. 6.28	2	26.851		20.99		
7770	9.2	2.4737	+0.0034	− 7.146	+0.340	25°3116
73. 6. 9	3	16 36 30.121		25 36 5.68		†
7771	6.0	2.4313	+0.0033	− 7.143	+0.334	27°2668
73. 6.17	3	16 36 32.581		27 9 33.29		Z.C. δ 32″1
77. 6. 5	3	32.524		30.85		
77. 6.20	3	32.381		33.69		
77. 7. 4	3	32.427		30.67		
7772	$9^{m}3$	$2^{s}4515$	$+0^{s}0034$	− 7″131	+0″337	26°2881
83. 7. 4	3	$16^{h}36^{m}41^{s}088$		26° 24′ 55″90		
84. 6.27	6	40.907		56.09		
7773	8.7	2.3604	+0.0033	− 7.116	+0.325	29°2869
72. 6.14	3	16 36 51.776		29 39 41.61		
92. 6.24	7	51.777		41.91		
7774	8.9	2.4715	+0.0034	− 7.103	+0.340	25°3118
73. 6. 9	2	16 37 1.795		25 39 58.07		
73. 6.19	3	1.712		56.69		
79. 6.27	3	1.663		56.64		
82. 6.27	1	1.830		57.82		
7775	9.5	2.4291	+0.0033	− 7.099	+0.334	27°2670
77. 6.20	1	16 37 4.154		27 13 9.90		Z.C. δ 9″4
80. 6.29	3	4.139		8.96		
7776	8.8	2.4714	+0.0034	− 7.098	+0.340	25°3119
73. 6.19	1	16 37 4.852		25 40 1.48		Z.C. δ 3″0
77. 6.13	3	5.254		2.37		
79. 6.27	2	5.053		2.63		
82. 6.27	3	5.040		2.96		
83. 6.28	3	4.971		5.07		
84. 7. 4	4	4.947		3.39		
84. 7.16	4	5.051		3.38		
7777	9.4	2.3520	+0.0033	− 7.052	+0.324	29°2871
76. 6.20	3	16 37 38.657		29 55 3.41		ft.
77. 6.27	2	38.375		5.43		Z.C. δ 4″8
77. 6.29	3	38.513		5.60		
7778	9.2	2.3666	+0.0033	− 7.047	+0.326	— —
77. 6.29	1	16 37 42.603		29 24 40.46		† Z.C. δ 40″5
7779	7.1	2.4592	+0.0033	− 7.040	+0.339	26°2882
83. 7. 5	3	16 37 47.608		26 5 34.28		
84. 6.30	5	47.658		33.59		§
84. 7. 7	3	47.462		33.75		
7780	9.2	2.4410	+0.0033	− 7.031	+0.336	26°2883
84. 6.25	7	16 37 54.450		26 45 26.74		
86. 6 28	5	54.431		26.38		
7781	8.2	2.4536	+0.0033	− 7.024	+0.338	26°2885
77. 6.15	3	16 37 59.456		26 17 36.95		Z.C. δ 36″6
78. 7. 8	3	59.530		36.50		
86. 7. 1	5	59.628		36.42		
7782	8.9	2.3786	+0.0033	− 7 018	+0.328	29°2873
72. 6.14	3	16 38 3.558		28 58 39.14		
80. 6.29	3	3.479		39.25		
80. 7.13	3	3.617		39.97		
84. 6.21	7	3.620		40.61		
84. 7. 2	4	3.568		39.30		
7783	9.4	2.4124	+0.0033	− 7.016	+0.333	27°2672
77. 6. 5	3	16 38 5.080		27 47 2.43		Z.C. δ 2″7
77. 7. 4	3	5.215		3.05		
7784	9.0	2.3624	+0.0033	− 7.016	+0.326	29°2874
83. 7. 4	3	16 38 5.286		29 32 26.52		
83. 7. 5	2	5.245		28.03		

7785	$8^{m}2$		$2^{s}4780$ +$0^{s}0034$	− $7''009$ +$0''341$	25°3122
73.	6. 9	3	$16^{h}38^{m}10^{s}471$	$25^{\circ}\,22'\,37''94$	
73.	6.19	1	10.617	37.02	
84.	7. 7	3	10.280	38.76	
7786	9.5		2.4197 +0.0033	− 6.992 +0.334	27°2673
73.	6.17	3	16 38 22.341	27 30 30..74	
86.	7. 5	5	22.575	27.79	
7787	9.5		2.4325 +0.0033	− 6.983 +0.335	27°2674
93.	6. 8	7	16 38 29.283	27 2 31.34	
93.	6.17	5	29.251	31.00	
7788	9.0		2.4498 +0.0033	− 6.980 +0.338	26°2888
74.	6. 8	3	16 38 31.383	26 24 37.34	−5′
84.	6.27	5	31.514	37.56	
84.	7. 4	4	31.566	37.53	
84.	7.16	2	31.790	36.58	
7789	8.6		2.3717 +0.0033	− 6.976 +0.327	29°2875
72.	6.13	3	16 38 34.392	29 12 8.15	Z.C.δ8″3
77.	6.27	2	34.235	8.44	
83.	6.26	3	34.173	8.35	
7790	8.3		2.4480 +0.0033	− 6.961 +0.338	26°2889
77	6.26	3	16 38 45.602	26 27 57.01	
78.	7. 8	2	45.675	57.18	
78.	7.13	3	45.907	57.55	
7791	9.5		2.4374 +0.0033	− 6.958 +0.336	26°2890
93.	6.12	7	16 38 47.663	26 51 12.05	
94.	6.27	7	47.565	11.95	
7792	9.5		2.4031 +0.0033	− 6.954 +0.332	28°2603
76.	6.19	3	16 38 50.405	28 4 52.70	
76.	6.24	3	50.409	52.73	
7793	9.5		2.4369 +0.0033	− 6.953 +0.336	26°2891
93.	6.13	5	16 38 51.302	26 52 6.99	v.ft. + 1^{s}§
93.	6.15	5	51.244	5.16	v.ft. n.f. of 2
93.	6.16	6	51.224	5.10	v.ft.
7794	8.7		2.3919 +0.0033	− 6.937 +0.330	28°2605
73.	7. 1	3	16 39 2.833	28 28 30.04	
73.	7 4	3	2.902	29.40	
76.	6.19	2	2.845	29.75	
77.	7. 7	3	3.025	29.92	
7795	9.4		2.3480 +0.0033	− 6.926 +0.324	30°2867
84.	6.30	2	16 39 11.209	29 59 44.49	§†
86.	6.30	5	11.290	42.66	w.4 to 7 + 10^{s}
7796	8.5		2.3558 +0.0033	− 6.854 +0.326	29°2876
72.	6.13	3	16 40 4.016	29 41 31.37	
72.	6.14	3	3.867	29.76	
76.	6.20	3	3.954	31.25	
77.	6.29	3	3.903	30.70	
7797	9.0		2.4751 +0.0034	− 6.851 +0.342	25°3126
73.	6. 9	3	16 40 5.354	25 25 12.97	
73.	6.19	3	5.487	12.41	
78.	7. 3	3	5.602	12.36	
7798	$7^{m}1$		$2^{s}3875$ +$0^{s}0033$	− $6''850$ +$0''330$	28°2607
73.	7. 1	3	$16^{h}40^{m}\,6^{s}772$	$28^{\circ}\,35'\,14''63$	
73.	7. 4	3	6.729	14.38	d.l.
76.	6.19	2	6.408	15.65	d.n.p.
77.	7. 7	2	6.763	15.34	
7799	8.1		2.4913 +0.0034	− 6.849 +0.345	24°3050
84.	6 25	7	16 40 7.565	24 48 50.83	
84.	6.28	4	7.571	50.49	
84.	7. 2	4	7.548	50.07	
85.	6.27	4	7.562	50.45	
7800	8.5		2.4366 +0.0033	− 6.822 +0.337	26°2894
73.	6.23	3	16 40 26.748	26 49 19.76	
74.	6. 8	3	26.720	19.93	
74.	6. 8	2	26.670	18.47	
78.	7. 8	3	26.818	20.57	
78.	7.13	3	26.830	19.41	
7801	9.3		2.4845 +0.0034	− 6.819 +0.344	25°3128
79.	6.24	3	16 40 29.399	25 3 21.60	
79.	6.27	3	29.408	20.96	
7802	8.2		2.4218 +0.0033	− 6.818 +0.335	27°2680
73.	6.17	3	16 40 29.836	27 21 21.15	
77.	7. 4	3	29.789	18.68	
80.	6.29	3	29.781	19.30	
80.	7.13	3	29.809	19.53	
84.	7. 7	5	29.725	19.59	
7803	8.9		2.4582 +0.0033	− 6.816 +0.340	26°2895
75.	7.12	3	16 40 31.721	26 1 43.32	
77.	6.26	3	31.539	42.46	
7804	8.6		2.4203 +0.0033	− 6.809 +0.335	27°2681
73.	6.17	3	16 40 36.602	27 24 22.12	Z.C.δ21″5
77.	6.20	3	36.359	22.12	
80.	6.29	3	36.429	20.88	
80.	7.15	3	36.384	20.73	
7805	9.0		2.4815 +0.0034	− 6.789 +0.343	25°3130
73	6. 9	3	16 40 50.850	25 9 9.20	
75.	7. 6	3	50.999	8.86	
79.	6.24	2	50.901	7.81	
80.	7.13	2	50.913	9.03	
7806	8.2		2.4513 +0.0033	− 6.781 +0.339	26°2896
73.	6.23	3	16 40 57.031	26 15 56.57	
77.	6.15	3	56.981	56.80	
82.	6.15	3	56.952	54.25	
83.	6.28	3	57.059	58.35	
7807	9.0		2.3476 +0.0033	− 6.777 +0.325	29°2878
72.	6.14	3	16 40 59.909	29 56 6.58	§
76.	6.20	3	60.051	7.30	Z.C.δ7″7
77.	6 27	3	59.891	8.05	
7808	8.8		2.4893 +0.0034	− 6.770 +0.345	24°3053
85.	7. 6	7	16 41 5.052	24 51 19.13	
85.	7. 8	5	5.012	17.75	
7809	9.1		2.4209 +0.0033	− 6.766 +0.336	27°2682
77.	7. 4	3	16 41 7.731	27 21 47.53	Z.C.δ47″8
85.	7.10	5	7.624	48.06	

7810	$8^{\mathrm{m}}.5$	$2^{\mathrm{s}}.4220$	$+0^{\mathrm{s}}.0033$	$-6''.752$	$+0''.336$	27°2683
	77. 6.20	3	$16^{\mathrm{h}}41^{\mathrm{m}}18^{\mathrm{s}}.056$		27° 19′ 12″.34	Z.C. δ 11″.2
	84. 6.28	5	18.209		10.84	
	84. 7.16	4	18.088		10.41	
7811	9.1	2.4123	+0.0033	− 6.748	+0.334	27°2684
	84. 6.27	7	16 41 20.411		27 39 46.42	
	84. 7. 4	7	20.624		47.45	
	85. 7.14	7	20.572		46.68	
7812	9.2	2.4741	+0.0034	− 6.744	+0.342	25°3131
	85. 7.15	7	16 41 24.144		25 24 41.91	
	85. 7.17	7	24.127		41.82	
	85. 7.24	5	24.210		42.05	
7813	9.4	2.4720	+0.0034	− 6.726	+0.342	25°3133
	84. 6.30	4	16 41 37.055		25 28 56.47	†
7814	9.3	2.4237	+0.0033	− 6.725	+0.336	— —
	83. 7. 5	3	16 41 37.701		27 14 52.53	
	92. 6.29	7	37.476		53.53	
7815	8.7	2.4260	+0.0033	− 6.720	+0.336	27°2686
	77. 7. 4	1	16 41 41.438		27 9 27.93	Z.C. δ 28″.5
	83. 6.26	3	41.564		28.94	
	83. 6.29	3	41.611		28.77	
7816	9.5	2.4575	+0.0033	− 6.717	+0.341	26°2898
	77. 6.26	3	16 41 43.339		26 0 55.68	v. ft.
	93. 6. 7	7	43.423		57.12	
7817	9.5	2.4606	+0.0033	− 6.713	+0.341	25°3134
	73. 6.19	2	16 41 46.022		25 53 48.39	
	92. 6.27	7	45.974		47.70	
7818	9.3	2.4235	+0.0033	− 6.702	+0.336	27°2687
	80. 6.29	2	16 41 54.162		27 14 30.32	Z.C. δ 30″.8
	80. 7.15	3	54.243		30.59	
	83. 7. 5	2	54 339		31.59	
7819	9.5	2.4569	+0.0033	− 6 697	+0 341	26°2900
	78. 7. 8	2	16 41 58.239		26 1 34.38	†
7820	9.0	2.3828	+0.0033	− 6.695	+0.330	28°2610
	73. 7. 1	3	16 41 59.437		28 40 54.03	
	73. 7. 4	3	59.483		53.09	
	76. 6.24	3	59.605		54.27	
7821	9.5	2.4488	+0.0033	− 6.686	+0.340	26°2902
	73. 6.23	3	16 42 5.824		26 19 18.23	
	86. 7. 5	7	5.808		18.34	
7822	8.4	2.3606	+0.0033	− 6.685	+0.327	29°2881
	72. 6.13	3	16 42 6.562		29 26 58.99	Z.C. δ 59″.6
	77. 6.29	3	6.470		60.23	
	82. 6.15	3	6.482		59.60	
7823	9.1	2.3744	+0.0033	− 6.679	+0.329	28°2611
	77. 7. 7	2	16 42 11.246		28 58 0.25	Z.C. δ 1″.8
	83. 6.26	3	11.187		2.07	
	83. 6.28	3	11.193		3.40	
	83. 6.29	3	11.065		1.48	

7824	$9^{\mathrm{m}}.4$	$2^{\mathrm{s}}.4056$	$+0^{\mathrm{s}}.0033$	$-6''.667$	$+0''.334$	27°2688
	73. 6.17	3	$16^{\mathrm{h}}42^{\mathrm{m}}19^{\mathrm{s}}.536$		27° 52′ 1″.23	
	92. 7. 7	5	19.445		0.23	
7825	9.2	2.3745	+0.0033	− 6.663	+0.329	28°2612
	77. 7. 7	1	16 42 22.674		28 57 26.29	Z.C. δ 26″.3
	80. 7. 9	3	22.471		26.36	
7826	8.2	2.3841	+0.0033	− 6.658	+0.331	28°2613
	76. 6.19	3	16 42 26.020		28 37 20.27	
	80. 7.15	1	26.570		20.72	
7827	8.4	2.4609	+0.0033	− 6.657	+0.341	25°3136
	73. 6.19	3	16 42 27.152		25 51 47.17	c. d. s. f.
	75. 7. 6	3	27.255		50.75	§ d. m.
	78. 7. 3	3	27.373		46.34	c. d. s. f.
7828	9.1	2.4354	+0.0033	− 6.656	+0.338	26°2903
	84. 6.25	7	16 42 27.499		26 47 22.47	
	84. 7. 2	4	27.639		22.92	
	87. 6.30	7	27.698		23.81	
7829	8.9	2.3511	+0.0033	− 6.655	+0.326	29°2882
	72. 6.14	3	16 42 28.870		29 45 48.98	
	76. 6.20	3	28.847		48.88	
	77. 6.27	3	28.902		49.79	
7830	9.1	2.4270	+0.0033	− 6.645	+0.337	27°2689
	84. 6.30	1	16 42 35.515		27 5 21.85	-1^{m}
	84. 7 7	4	35.645		20.95	
7831	7.8	2.4630	+0.0033	− 6.616	+0.342	25°3137
	73. 6. 9	3	16 42 56.635		25 46 6.07	
	84 7.16	7	56.474		5.47	
7832	8.1	2.3981	+0.0033	− 6.602	+0.333	28°2614
	73. 7. 1	3	16 43 6.870		28 6 11.31	
	76. 6.19	3	6.868		12.50	
	76. 6.24	3	6.841		11.59	
7833	7.8	2.4337	+0.0033	− 6.574	+0.338	26°2904
	74. 6. 8	3	16 43 27.388		26 49 14.49	Z.C. δ 13″.9
	74. 6. 8	2	27.318		12.37	
	75. 7 10	3	27.573		13.63	
	75. 7.12	3	27.494		14.62	
	77. 6.26	3	27.455		14 49	
7834	9.1	2.4702	+0.0034	− 6.573	+0.343	25°3139
	73. 6.19	2	16 43 27.974		25 29 7.11	
	79. 6.24	3	28.226		5.55	
	84. 6.27	4	27.869		6.17	
	85. 6.27	5	28.017		6.14	-1^{s}
	85. 7. 8	5	27.970		6.23	
7835	9.4	2.4224	+0.0033	− 6.567	+0.337	27°2693
	73. 6.17	3	16 43 32.375		27 13 18.48	Z.C. δ 18″.2
	77. 6.20	3	32.403		19.01	
	85. 7.10	5	32.517		17.12	
7836	9 4	2.4689	+0.0033	− 6.533	+0.343	25°3140
	73. 6.19	1	16 43 56.780		25 30 59.62	
	78. 7. 3	3	56.985		58.33	
	79. 6.24	3	56.930		57.87	
	79. 6.27	3	57.131		59.82	w. $3-1^{\mathrm{s}}$

7837 $9^m.2$ $2^s.4669$ $+0^s.0033$ − $6''.525$ $+0''.343$ 25°3141

75. 7. 6	3	$16^h 44^m 3^s.112$	25° 35′ 19″.72	−15′
84. 6.28	4	3.103	17.82	
84. 7. 4	4	3.158	18.50	
85. 7.14	5	3.143	16.37	

7838 6.8 2.3366 +0.0033 − 6.497 +0.325 30°2880

84. 6.25	5	16 44 23.473	30 10 49.97	
84. 6.30	1	23.477	51.79	
84 7. 7	5	23.480	51.05	
86. 7.22	6	23.584	51.93	

7839 8.8 2.4629 +0.0033 − 6.496 +0.342 25°3145

73. 6. 9	3	16 44 23.736	25 43 20.87	
84. 7. 2	4	23.768	20.69	
85. 7.17	5	23.842	20.65	
85. 7.23	5	23.799	19.63	

7840 8.3 2.4484 +0.0033 − 6.494 +0.341 26°2906

73. 6.23	3	16 44 25.620	26 15 10.97	Z.C. δ 11″.8
75. 7.12	3	25.443	12.61	
78. 7. 8	3	25.590	11.88	

7841 9.5 2.3779 +0.0033 − 6.483 +0.331 28°2615

73. 7. 4	3	16 44 33.668	28 45 25.94	†

7842 8.7 2.3835 +0.0033 − 6.474 +0.332 28°2616

73. 7. 1	3	16 44 40.334	28 33 34.20	Z.C. δ 34″.5
76. 6.19	2	40.272	35.44	
76. 6.24	3	40.102	34.87	
80. 6.29	3	40.145	33.84	
80 7.13	3	40.243	34.57	
85. 7.22	5	40.216	34.29	

7843 9.5 2.3704 +0.0033 − 6.473 +0.330 29°2886

72. 6.13	3	16 44 40.463	29 0 46.51	Z.C. δ 47″.4
72. 6.14	3	40.367	46.29	
77. 6.27	3	40.291	49.33	

7844 7.8 2.3822 +0.0033 − 6.465 +0.332 28°2618

73. 7. 1	3	16 44 46.411	28 36 3.98	
76. 6.19	3	46.282	4.33	
76. 6.24	2	46.413	5.18	

7845 9.1 2.4261 +0.0033 − 6.450 +0.338 27°2695

84. 6.27	4	16 44 57.409	27 2 26.90	
84. 7.16	5	57.452	25.23	
84. 7.17	1	57.131	27.10	

7846 9.3 2.4195 +0.0033 − 6.448 +0.337 27°2696

77. 7. 4	2	16 44 58.388	27 16 33.42	
80. 7. 9	3	58.331	34.07	
82. 6.15	3	58.477	33.89	
86. 7. 1	6	58.139	33.52	

7847 7.0 2.4431 +0.0033 − 6.448 +0.340 26°2907

75. 7.10	3	16 44 58.502	26 25 31.17	Z.C. δ 31″.2
77. 6.26	3	58.305	31.48	
78. 7.13	3	58.296	30.96	

7848 9.2 2.4524 +0.0033 − 6.445 +0.342 26°2908

73. 6 23	3	16 45 0.719	26 5 14.42	
75. 7.10	2	0.723	14.28	
75. 7.12	2	0.710	14.22	

7849 $8^m.9$ $2^s.4220$ $+0^s.0033$ − $6''.437$ $+0''.337$ 27°2698

73. 6.17	3	$16^h 45^m 6^s.584$	27° 10′ 57″.56	+1′
83. 6.26	3	6.516	57.33	
83. 6.28	3	6.648	57.92	
83. 6.29	3	6.563	56.89	

7850 8.9 2.3769 +0.0033 − 6.424 +0.331 28°2619

73. 7. 4	3	16 45 15.705	28 46 7.29	
77. 7. 7	3	15.914	7.51	
86. 7. 5	7	15.639	6.99	

7851 9.1 2.4161 +0.0033 − 6.424 +0.336 27°2699

84. 6.28	5	16 45 15.946	27 23 13.71	
86. 6.30	7	15.946	13.82	

7852 8.9 2.3966 +0.0033 − 6.411 +0.334 28°2620

78. 7.17	3	16 45 25.249	28 4 22.06	
85. 7. 6	7	25.084	22.43	
86. 7. 6	5	25.096	22.14	
86. 7.14	7	25.254	22.64	

7853 8.9 2.4675 +0.0033 − 0.407 +0.344 25°3147

73. 6. 9	3	16 45 28.447	25 31 2.96	
85. 7. 8	5	28.532	0.63	-1^m
92. 6.24	6	28.667	0.20	

7854 8.8 2.3658 +0.0033 − 6.399 +0.329 29°2888

76. 6.20	3	16 45 34.154	29 8 33.63	
77. 6.29	3	34.105	33.98	
85 7.10	7	34.131	32.49	

7855 6.1 2.3399 +0.0033 − 6.382 +0.326 30°2884

77. 6.27	3	16 45 46.202	30 1 16.66	
84. 7. 2	5	46.205	15.80	
85. 6.27	7	46.330	15.22	
92. 6.27	5	46.443	15.72	

7856 8.5 2.4174 +0.0033 − 6.371 +0.337 27°2702

77. 7. 4	3	16 45 54.320	27 19 14.76	
80. 6.29	3	54.326	14.49	
80. 7. 9	3	54.409	14.68	
84. 7. 4	4	54.521	14.79	
84. 7. 7	5	54.421	15.40	

7857 8.0 2.3462 +0.0033 − 6.338 +0.327 29°2889

72. 6.13	3	16 46 18.470	29 47 11.15	
72. 6.14	3	18.622	11.68	
76. 6.20	3	18.571	10.97	

7858 9.1 2.4838 +0.0033 − 6.328 +0.346 24°3068

84. 6.27	5	16 46 25.598	24 52 61.76	
85. 7.14	5	25.765	59.50	

7859 8.8 2.3766 +0.0033 − 6.327 +0.331 28°2622

73. 7. 4	3	16 46 26.602	28 44 10.89	
80 7.13	3	26.558	11.84	
83. 6.29	3	26.493	12.00	
83. 7. 5	3	26.683	12.67	

7860 7.0 2.3881 +0.0033 − 6.324 +0.333 28°2623

76. 6.19	3	16 46 28.597	28 19 60.17	
76. 6.24	3	28.647	59.60	
77. 7. 7	2	28.649	60.30	

7861	$5^{\mathrm{m}}.3$	$2^{\mathrm{s}}.4841$	$+0^{\mathrm{s}}.0033$	$-6''.316$	$+0''.346$	$24^\circ 3069$
84.	6.25	3	$16^{\mathrm{h}}46^{\mathrm{m}}34^{\mathrm{s}}.432$	$24^\circ 52' 4''.59$		
84.	6.30	3	34.406	5.80		
84.	7.16	5	34.316	4.90		
85.	7.23	5	34.379	5.28		
7862	7.0	2.4639	+0.0033	− 6.310	+0.344	$25^\circ 3150$
73.	6. 9	3	16 46 38.849	25 36 43.79		
73.	6.19	3	38.676	43.45		
75.	7. 6	3	38.687	44.26		
7863	9.5	2.4228	+0.0033	− 6.304	+0.339	$27^\circ 2703$
73.	6.17	3	16 46 42.085	27 5 54.06		Z.C. δ $53''.7$
77.	6.20	3	42.272	54.88		
77.	7. 4	1	42.457	52.14		
7864	8.9	2.3662	+0.0032	− 6.302	+0.331	$29^\circ 2890$
77.	6.29	3	16 46 44.082	29 5 14.64		
80.	7.15	3	44.084	13.50		
85.	7.17	5	44.056	14.00		
7865	6.8	2.3721	+0.0032	− 6.289	+0.331	$28^\circ 2624$
73.	7. 1	3	16 46 53.374	28 52 33.47		
78.	7.17	3	53.367	35.15		
80.	7. 9	3	53.477	34.40		
85.	7.22	5	53.416	34.90		
7866	9.4	2.3414	+0 0032	− 6.282	+0.327	$29^\circ 2891$
72.	6.13	2	16 46 58.663	29 55 34.12		
80.	6.29	3	58.729	32.44		
80.	7.13	2	58.800	34.49		
7867	9.1	2.3978	+0.0033	− 6.280	+0.335	$28^\circ 2625$
84	6.25	2	16 46 59.682	27 58 29.55		
84.	6.28	5	59.806	29.08		§ + 1^{m}
85.	7.24	5	59.663	28.74		
7868	9.0	2.3763	+0.0032	− 6.257	+0.332	$28^\circ 2626$
78.	7.17	2	16 47 16.412	28 43 3.29		
84.	7. 4	5	16.412	2.83		
7869	9.5	2.4738	+0.0033	− 6.214	+0.346	— —
73.	6. 9	3	16 47 47.671	25 12 36.60		
73.	6.19	3	47.544	35.19		
7870	9.0	2.3834	+0.0033	− 6.200	+0.333	$28^\circ 2629$
73.	7. 4	3	16 47 57.853	28 26 53.57		
76.	6.19	3	57.490	54.67		
77.	7. 7	3	57.715	54.52		
7871	9.1	2.4470	+0.0033	− 6.193	+0.342	$26^\circ 2910$
73.	6.23	3	16 48 2.582	26 11 1.58		Z.C. δ $2''.4$
75.	7.10	3	2.536	3.12		
77.	6.26	3	2.635	2.51		
7872	9.5	2.4475	+0.0033	− 6.187	+0.342	— —
77.	6.26	2	16 48 6.984	26 9 39.84		† Z.C. δ $39''.8$
7873	9.3	2.4724	+0.0033	− 6.168	+0.346	$25^\circ 3152$
73.	6. 9	3	16 48 20.878	25 14 49.59		
73.	6.19	3	20.764	48.78		
78.	7. 3	3	21 092	48.03		
82.	6.15	3	21.323	48.65		
82.	6.30	3	21.132	49.04		
83.	6.28	3	20.830	51.30		
7874	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.3534$	$+0^{\mathrm{s}}.0032$	$-6''.166$	$+0''.329$	$29^\circ 2892$
72.	6.14	3	$16^{\mathrm{h}}48^{\mathrm{m}}22^{\mathrm{s}}.666$	$29^\circ 28' 4''.11$		
77.	6.27	3	22.621	5.59		
84.	7. 2	4	22.581	4.62		
7875	9.1	2.3467	+0.0032	− 6.162	+0.328	$29^\circ 2893$
72.	6.13	2	16 48 25.519	29 41 50.99		
77.	6.29	3	25.171	51.59		
80.	7.13	3	25.037	51.21		
85.	7. 6	5	25.111	51.60		+ 1′
85.	7.23	5	24.996	50.70		− 1^{m}
7876	8.6	2.4372	+0.0033	− 6.160	+0.341	$26^\circ 2911$
73.	6.23	3	16 48 26.858	26 31 35.26		
75.	7.12	3	26.814	35.58		
78.	7. 8	3	26.687	36.66		
86.	7. 1	5	26.901	35.41		
7877	8.9	2.4336	+0.0033	− 6.157	+0.340	$26^\circ 2912$
78.	7.13	3	16 48 29.187	26 39 19.84		ft.
83.	6.29	3	29.296	20.24		
84.	6.27	4	28.981	19.98		
84.	6.30	2	29.104	21.34		
7878	9.2	2.3486	+0.0032	− 6.151	+0.329	$29^\circ 2894$
85.	7. 8	5	16 48 33.293	29 37 35.28		† n. p. of 2
7879	9.4	2.4345	+0.0033	− 6.143	+0.341	$26^\circ 2913$
78.	7. 8	2	16 48 39.365	26 37 6.99		
83.	6.26	3	39.191	7.05		
83.	6 29	2	39.378	7.39		
7880	9.1	2.4512	+0.0033	− 6.142	+0.343	$26^\circ 2914$
85.	7.10	5	16 48 39.850	26 0 38.91		+ 5′
92.	7. 4	7	39.651	39.68		
7881	8.9	2.3452	+0.0032	− 6.141	+0.328	$29^\circ 2895$
77.	6.29	2	16 48 40.523	29 44 12.85		Z.C. δ $13''.3$
83.	7. 5	3	40.538	13.45		
84.	7.16	5	40.525	13.73		w. $3-3^{\mathrm{s}}$
7882	9.1	2.4517	+0.0033	− 6.131	+0.343	$26^\circ 2915$
75.	7.10	3	16 48 47.614	25 59 22.03		
78.	7.13	2	47.776	21.66		
84.	6.25	3	47.599	22.66		
84.	7. 7	4	47.678	23.64		
85.	7.17	5	47.591	21.93		
92.	6.29	7	47.630	23.25		− 1^{m}
7883	8.7	2.3572	+0.0032	− 6.107	+0.330	$29^\circ 2896$
72.	6.14	3	16 49 4.987	29 18 42.94		
76.	6.20	3	5.011	43.78		
80.	7.13	3	5.030	43.17		
85.	7.14	5	5.067	42.14		
85.	7.22	7	5.022	42.84		
85.	7.24	5	4.837	42.87		
7884	8.5	2.4010	+0.0033	− 6.107	+0.336	$27^\circ 2706$
73.	6.17	3	16 49 5.151	27 47 44.75		Z.C. δ $43''.2$
73.	6.17	2	5.401	44.39		
76.	6.27	3	5.060	42.82		
77.	7. 4	3	5.080	42.04		
78.	7.16	3	5.258	42.58		
78.	7.16	1	5.028	42.47		
80.	6.29	3	5.119	43.38		
80.	7. 9	3	5.210	43.47		

7885	9^{m}.0		2^{s}.3590 +0^{s}.0032	− 6″.097 +0″.330	29°2897
76.	6.20	2	$16^{h}49^{m}12^{s}.029$	29° 15′ 4″.42	
92.	7. 7	7	11.895	3.50	
7886	9.4		2.3992 +0.0033	− 6.095 +0.336	— —
77.	6.20	3	16 49 13.497	27 51 14.28	† Z.C. δ 14″.3
7887	9.2		2.3998 +0.0033	− 6.088 +0.336	27°2707
77.	6.20	2	16 49 18.216	27 49 51.00	−5′
83.	6.26	3	18.349	50.84	Z.C. δ 50″.8
83.	6.28	3	18.393	51.41	
83.	7. 4	3	18.387	49.85	
92.	7. 8	7	18 439	50.81	
7888	9.1		2.4088 +0.0033	− 6 085 +0.337	27°2708
80.	7.15	3	16 49 20.711	27 30 33.88	
83.	7. 5	3	20.749	35.03	
84.	7. 4	4	20.780	34.78	
7889	9.3		2.3411 +0.0032	− 6.084 +0.328	29°2898
86.	6.30	7	17 49 21.232	29 51 12.71	
86.	7. 5	7	21.246	13.61	
7890	9.1		2.4055 +0.0033	− 6.074 +0.337	27°2710
73.	7. 5	3	16 49 29.021	27 37 21.08	Z.C. δ 21″.4
80.	6.29	3	28.732	21.80	
7891	6.4		2.4523 +0.0033	− 6.037 +0.343	25°3156
73.	6. 9	3	16 49 55.162	25 56 0.72	
73.	6.19	3	55.216	0.77	p. of 2
75.	7. 6	3	55.150	1.48	
86.	7.22	3	55.191	0.84	
86.	7.22	3	55.286		No decl.
7892	7.6		2.3846 +0.0033	− 6.035 +0.335	28°2633
76.	6.24	3	16 49 56.878	28 20 17.82	Z.C. δ 18″.0
77.	7. 7	3	57.099	18.92	
78.	7.17	3	56.906	17.34	
7893	8.6		2.3705 +0.0032	− 6.027 +0.333	28°2634
84.	6.27	7	16 50 2.275	28 49 27.97	
84.	7. 2	4	2.416	28.26	
85.	7. 6	7	2.291	28.04	
7894	7.3		2.3583 +0.0032	− 6.021 +0.331	29°2902
72.	6.14	3	16 50 6.212	29 14 27.54	Z.C. δ 27″.7
76.	6.20	1	6.399	27.57	
77.	6.27	3	6 120	28.06	
87.	7. 5	5	6.191	27.63	
7895	9.4		2.3735 +0.0032	− 6.019 +0.333	28°2635
73.	7. 4	3	16 50 8.386	28 43 10.93	
78.	7.17	2	8.522	11.57	
80.	7.13	2	8.411	12.05	
82.	6.30	3	8.477	11.06	
86.	7. 1	5	8 497	11.66	
7896	9.3		2.4113 +0.0033	− 5.986 +0.338	27°2714
73.	7. 5	3	16 50 32.033	27 22 58.25	Z.C. δ 57″.0
80.	6.29	2	32.163	57.08	
84.	7.16	5	32.095	56.63	
85.	7. 8	7	32.083	56.18	-1^{m}

7897	8^{m}.8		2^{s}.4581 +0^{s}.0033	− 5″.984 +0″.344	25°3157
84.	6.25	3	$16^{h}50^{m}33^{s}.096$	25° 42′ 6″.95	
84.	7. 7	4	33.232	7.59	
85.	7.10	5	33.109	6.33	
7898	9.5		2.4437 +0.0033	− 5.971 +0.343	26°2918
73.	6.23	3	16 50 42.841	26 13 4.36	†
7899	9.1		2.4684 +0.0033	− 5.943 +0.346	25°3159
84.	6.28	3	16 51 2 866	25 18 43.55	
84.	7. 4	4	2.782	43.42	
85.	7.14	5	2.872	42.38	
7900	8.3		2.4101 +0.0033	− 5.934 +0.338	27°2719
73.	7. 5	2	16 51 9.090	27 24 16.48	Z.C. δ 16″.7
77.	7. 4	1	8.996	15.44	
78.	7.16	2	8.870	18.10	
7901	9.3		2.4190 +0.0033	− 5 910 +0.340	27°2722
73.	6.17	3	16 51 26.453	27 4 57.88	
80.	7. 9	3	26.427	57.90	
84.	6.30	4	26.434	59.65	
85.	7.17	5	26.464	58.51	
7902	8.9		2.3736 +0.0032	− 5.896 +0.333	28°2637
73.	7. 4	3	16 51 36.693	28 40 1.83	
76.	6.19	3	36.519	2.07	
76.	6.24	3	36.437	1.52	
7903	9.0		2.4416 +0.0033	− 5.896 +0.343	26°2921
73.	6.23	3	16 51 36.796	26 15 56.53	
75.	7.10	3	36.777	56.52	
75.	7.12	3	36.735	55.59	
77.	6.26	3	36.692	56.39	
7904	9.3		2.3996 +0.0032	− 5.883 +0.337	27°2723
82.	6.30	3	16 51 45.634	27 45 32.66	
83.	6.28	3	45.606	34.69	
83.	6.29	3	45.460	34.34	
83.	7. 4	3	45.417	31.60	
7905	9.0		2.4724 +0.0033	− 5.881 +0.347	25°3162
73.	6.19	3	16 51 47.482	25 8 21.75	
75.	7. 6	3	47.679	22.33	
78.	7. 3	3	47.655	21.32	
7906	9.2		2.4116 +0.0033	− 5.871 +0.339	27°2724
77.	6.20	3	16 51 54.793	27 19 44.64	Z.C. δ 44″.5
80.	6.29	3	54.650	44.97	
85.	7.22	5	54.692	45.33	
85.	7.23	5	54.693	42.98	
7907	8.8		2.3777 +0.0032	− 5.870 +0.334	28°2639
73.	7. 4	2	16 51 55.361	28 31 2.50	
78.	7.17	3	54.924	2.58	
85.	7.24	5	55.034	2.26	
7908	8.3		2.3405 +0.0032	− 5.868 +0.329	29°2905
72.	6.13	3	16 51 56.859	29 47 11.59	Z.C. δ 11″.8
77.	6.29	3	56.770	12.52	
78.	7.19	3	56.865	11.36	

7909	$9^{m}5$		$2^{s}4628$ $+0^{s}0033$	$-\,5''864$ $+0''346$	25°3164
73.	6. 9	3	$16^{h}51^{m}59^{s}357$	$25^{\circ}29'\,6''73$	
93	6. 7	6	59.277	7.13	
7910	8.9		2.3544 +0.0032	− 5.861 +0.331	29°2906
72.	6.14	3	16 52 2.007	29 18 45.34	Z.C. δ46″1
77.	6.27	3	1.967	45.94	
77.	6.29	1	1.761	46.98	
7911	8.5		2.4661 +0.0033	− 5.857 +0.346	25°3165
79.	6.27	3	16 52 4.679	25 21 49.40	Z.C. δ50″0
92.	6.24	7	4.599	50.55	
7912	9.2		2.3560 +0.0032	− 5.838 +0.331	29°2909
78.	7.19	2	16 52 17.883	29 15 2.44	
80.	7.13	3	17.947	0.74	
84.	6.27	5	17.886	1.59	
84.	7.16	5	17.849	1.72	
87.	6.30	5	18.091	1.61	
7913	6.3		2.4608 +0.0033	− 5.831 +0.346	25°3166
79.	6.27	3	16 52 23.201	25 32 49 87	
79.	7.31	3	23.290	50.92	
84.	7. 2	4	23.104	51.06	
85.	7.10	5	23.115	50.08	
7914	9.2		2.4702 +0.0033	− 5.822 +0.347	25°3167
84.	6.28	7	16 52 29.673	25 12 2.69	
86.	6.30	7	29.735	1.40	
7915	8.9		2.4632 +0.0033	− 5.822 +0.346	25°3168
73.	6.19	3	16 52 29.809	25 27 30.14	clds.
84.	6.25	5	30.064	30.06	
84.	7. 7	6	29.928	29.52	
7916	9.3		2.4655 +0.0033	− 5.820 +0.346	25°3169
86.	7. 1	7	16 52 31.362	25 22 27.45	
86.	7. 5	7	31.267	27.67	
7917	9.2		2.4669 +0.0033	− 5.818 +0.347	25°3170
84.	6.30	4	16 52 32.716	25 19 19.89	
86.	7.14	7	32.727	19.80	
7918	9.2		2.4177 +0.0032	− 5.817 +0.340	27°2725
73.	6.17	3	16 52 33.330	27 5 30.13	Z.C. α$33^{s}40$
76.	6.27	3	33.362	30.96	
82.	6.28	3	33.524	32.22	
82.	6.30	3	33.410	32.24	+5′
83.	7. 5	3	33.363	33.50	
7919	9.5		2.4177 +0.0032	− 5.807 +0.340	27°2726
93.	6. 8	7	16 52 40.229	27 5 13.01	
93.	6.12	7	40.091	13.26	
7920	9.3		2.3607 +0.0032	− 5.806 +0.332	29°2910
76.	6.20	3	16 52 41.268	29 4 22.05	
92.	7. 4	7	41.308	22.44	
7921	9.1		2.4651 +0.0033	− 5.780 +0.346	25°3172
73.	6. 9	3	16 52 59.603	25 22 26.62	
75.	7. 6	3	59.616	26.72	
80	7.15	3	59.523	26.98	
83.	7. 4	3	59.702	26.30	

7922	$8^{m}6$		$2^{s}4608$ $+0^{s}0033$	$-\,5''773$ $+0''346$	25°3174
78.	7. 3	3	$16^{h}53^{m}\,4^{s}622$	$25^{\circ}\,31'\,54''22$	
82.	6.15	3	4.545	53.39	
7923	9.5		2.4169 +0.0032	− 5.770 +0.340	27°2727
80.	7.13	3	16 53 6.924	27 6 19.01	ft.
93.	6.13	7	6.267	17.45	Z.C. δ18″2
7924	9.5		2.3516 +0.0032	− 5.754 +0.331	— —
72.	6.13	2	16 53 18 557	29 21 47.64	†
7925	8.6		2.3794 +0.0032	− 5.747 +0.335	28°2642
76.	6.19	3	16 53 23.174	28 24 37.98	
76.	6.24	3	23.281	38.21	•
7926	9.1		2.3508 +0.0032	− 5.742 +0.331	29°2912
72.	6.13	2	16 53 27.204	29 23 14.41	
85.	7.14	5	27.088	14.15	
85.	7.17	5	27.173	14.51	
7927	9.0		2.3800 +0 0032	− 5.731 +0.335	28°2643
73.	7. 4	3	16 53 35.094	28 22 56.55	
76.	6.19	3	34.943	56.82	
7928	9.5		2.4421 +0.0032	− 5.720 +0.344	26°2926
73.	6.23	3	16 53 42.695	26 11 13.03	Z.C. δ13″1
77.	6.26	3	42.640	12.35	
78.	7. 8	3	42.750	13.99	v. ft.
7929	9.5		2.4382 +0.0032	− 5.717 +0.344	26°2927
93.	6.15	7	16 53 44.632	26 19 34.35	
93.	6.16	7	44.820	33.86	
7930	8.3		2.3955 +0.0032	− 5.713 +0.337	27°2728
77.	6.20	3	16 53 47.184	27 50 10.51	Z.C. δ10″4
83.	6.28	3	47.401	11.19	
84.	7.16	5	47.292	9.63	
7931	9.3		2.3996 +0.0032	− 5.704 +0.338	27°2730
73.	6.17	3	16 53 54.386	27 41 31.99	Z.C. δ31″4
73.	7. 5	3	54.350	31.64	
80.	7.15	3	54.460	30.65	
7932	8.6		2.4705 +0.0033	− 5.699 +0.348	25°3175
73	6. 9	3	16 53 58.115	25 8 50.47	
73.	6.19	1	58.006	49.95	
79.	6.27	3	58.377	49.75	
80.	7.13	1	58.018	51.14	
84.	7. 2	4	58.165	50.22	
85.	7.22	5	58.090	49.54	
7933	9.3		2.3792 +0.0032	− 5.690 +0.335	— —
76.	6.24	2	16 54 3.931	28 23 48.67	† p. of 2
7934	9 5		2.3509 +0.0032	− 5.653 +0.332	29°2914
72.	6.14	3	16 54 30.333	29 21 13.76	Z.C. δ14″0
77.	6.29	1	30.046	14.27	s. of 2
7935	9.5		2.3506 +0.0032	− 5.653 +0.332	— —
77.	6.29	3	16 54 30.277	29 21 45.03	† n. of 2+2°

7936	$9^{m}0$		$2^{s}4245$ +$0^{s}0032$	− $5''651$ +$0''342$	26°2928
84.	6.25	5	$16^{h}54^{m}31^{s}616$	26° 47′ $43''98$	
84.	7. 4	7	31.575	43.46	
87.	6.30	5	31.598	44.34	
7937	7.7		2.3393 +0.0032	− 5.637 +0.330	29°2915
72.	6.14	1	16 54 42.283	29 44 17.35	
83.	6.28	3	42.160	19.68	
84.	6.30	4	42.073	18.51	
85.	7 10	5	42.229	17.54	
7938	9.1		2.4015 +0.0032	− 5.636 +0.339	27°2731
84.	6.27	4	16 54 42.783	27 35 57.26	
84.	7. 7	5	42.845	56.60	
7939	8.9		2.4285 +0.0032	− 5.622 +0.343	26°2930
77.	6.26	3	16 54 52.356	26 38 16.15	
78.	7.13	3	52.476	15.85	
80.	7.15	2	52.222	15.68	
7940	7.2		2.4041 +0.0032	− 5.622 +0.339	27°2733
73.	6.17	2	16 54 52.446	27 30 13.19	
73.	7. 5	3	52.487	13.38	
7941	9.4		2.4118 +0.0032	− 5.597 +0.340	27°2734
82.	6.28	1	16 55 10.757	27 13 16.64	ex. ft.
82.	6.30	3	10.595	16.48	
84.	6.28	4	10.198	17.06	
7942	8.2		2.4341 +0.0032	− 5.592 +0.343	26°2932
78.	7. 8	3	16 55 13.964	26 25 50.71	
85.	7.14	5	13.932	50.70	
7943	9.1		2.4359 +0.0032	− 5.569 +0.344	26°2933
78.	7. 8	2	16 55 30.525	26 21 24.96	
84.	7. 2	4	30.476	23.88	
85.	7.17	5	30.435	24.19	
7944	9.4		2.4166 +0.0032	− 5.565 +0.341	27°2735
76.	6.27	2	16 55 33.359	27 2 25.95	†
			R.A. probably 1^{s} too great: see appendix		
7945	8.0		2.4270 +0.0032	− 5.559 +0.342	26°2934
77.	6.26	3	16 55 38.088	26 40 12.57	+5′
78.	7.13	2	37.850	12.19	
80.	7.13	2	38.173	12.46	
84.	7.16	5	38.057	11.89	
7946	8.5		2.4499 +0.0032	− 5.552 +0.346	25°3178
73.	6. 9	3	16 55 42.978	25 50 50.66	
82.	6.15	3	43.066	50.51	
7947	9.0		2.3611 +0.0032	− 5.539 +0.333	28°2648
73.	7. 4	3	16 55 51.757	28 57 40.66	
84.	6.30	2	51.777	42.39	
7948	8.5		2.4688 +0.0033	− 5.527 +0.348	25°3179
92.	6.29	7	16 56 0.492	25 9 7.48	
92.	7. 7	7	0.417	5.73	
7949	9.1		2.3578 +0.0032	− 5.523 +0.333	29°2918
76.	6.20	3	16 56 3.220	29 4 15.01	
85.	7.25	5	3.070	13.86	
7950	$6^{m}6$		$2^{s}4065$ +$0^{s}0032$	− $5''516$ +$0''339$	27°2738
86.	7.14	5	$16^{h}56^{m}$ $8^{s}521$	27° 22′ $57''22$	
87.	7.14	7	8.753	56.29	
7951	9.1		2.3873 +0.0032	− 5.514 +0.337	28°2649
85.	7.24	5	16 56 9.694	28 3 0.70	
92.	7. 4	7	9.906	1.14	
7952	9.0		2.3573 +0.0032	− 5.514 +0.333	29°2919
76.	6.20	3	16 56 9.880	29 4 58.91	+5′
85.	7.22	5	9.830	58.06	Z.C. α $9^{s}86$
7953	9.0		2.3405 +0.0032	− 5.514 +0.331	29°2920
87.	6.30	5	16 56 10.040	29 38 59.13	
93.	6.23	1	9.921	59.37	
93.	6.24	7	9.763	60.35	
7954	9.3		2.4106 +0.0032	− 5.491 +0.340	27°2739
73.	7. 5	3	16 56 25.909	27 13 40.39	Z.C. δ $40''9$
80.	7.15	3	26.104	41.23	
82.	6.30	3	26.421	41.17	
7955	8.4		2.4502 +0.0032	− 5.485 +0.346	25°3180
79.	6.27	3	16 56 30.670	25 48 53.81	
83.	6.28	2	30.923	56.51	ft.
84.	6.27	4	30.679	55.14	
84.	7 7	5	30.656	55.32	
7956	7.5		2.4663 +0.0032	− 5.452 +0.348	25°3182
73.	6. 9	3	16 56 53.777	25 13 7.62	
73.	6.19	3	53.764	7.03	
85.	7.10	5	53.759	7.18	
7957	9.5		2.3631 +0.0032	− 5.451 +0.334	28°2650
73.	7. 4	3	16 56 54.770	28 51 52.19	†
7958	9.4		2.3487 +0.0032	− 5.449 +0.332	29°2922
72.	6.14	3	16 56 55.935	29 21 8.24	†
7959	6.0		2.4533 +0.0032	− 5.428 +0.346	25°3183
79.	7.31	3	16 57 11.568	25 40 59.31	
84.	6.28	4	11.239	60.80	
7960	9.2		2.3355 +0.0032	− 5.424 +0.330	29°2923
72.	6.13	3	16 57 13.560	29 47 8.60	Z.C. α $13^{s}61$
80.	7. 9	3	13.594	7.70	
83.	7. 4	3	13.682	7.37	
7961	9.2		2.4474 +0.0032	− 5.422 +0.346	25°3184
82.	6.15	3	16 57 15.110	25 53 38.48	
84.	6.25	7	15.041	38.30	
84.	7. 4	7	15.097	37.45	
7962	9.4		2.3622 +0.0032	− 5.413 +0.334	28°2651
77.	7. 7	3	16 57 21.695	28 52 50.86	Z.C. δ $51''1$
93.	6. 8	3	21.826	51.29	
7963	9.2		2.4485 +0.0032	− 5.412 +0.346	25°3185
85.	7.14	5	16 57 22.458	25 51 7.74	† sf. of 2
7964	7.5		2.3444 +0.0032	− 5.391 +0.332	29°2924
78.	7.19	3	16 57 37.724	29 28 35.34	
84.	7. 2	4	37.744	36.21	
85.	7.17	5	37.734	36.67	

7965	$8^m.7$	$2^s.4224$	$+0^s.0032$	$-\ 5''.389$	$+0''.343$	26°2937
73.	6.23	3	$16^h\,57^m\,38^s.815$	26° 46′ 31″.94		
75.	7.10	3	38.594	32.82		
77.	6.26	3	38.807	33.08		
78.	7. 8	3	38.814	33.32		
7966	8.6	2.4682	+0.0032	− 5.389	+0.349	25°3186
73.	6. 9	3	16 57 39.011	25 7 51.87		
84.	7.16	5	39.064	51.28		
84.	7.17	3	39.143	51.19		
7967	9.4	2.4176	+0.0032	− 5.386	+0.342	26°2938
73.	7. 5	3	16 57 41.051	26 56 40.86		Z.C.δ40″.8
77.	6.20	3	40.748	40.79		
7968	9.0	2.3887	+0.0032	− 5.374	+0.338	27°2742
74.	7.17	3	16 57 49.252	27 57 19.36		
76.	6.27	3	49.105	19 45		
78.	7.16	3	49.072	19.76		
83.	6.29	3	49.067	20.40		
7969	8.5	2.4490	+0.0032	− 5.374	+0.347	25°3187
82.	7.29	3	16 57 49.223	25 49 17.80		§
84.	7.19	5	49.229	19.47		
84.	7.21	3	49.227	17.86		
7970	8.6	2.4564	+0.0032	− 5.370	+0.348	25°3189
84.	6.27	5	16 57 52.183	25 33 12.07		
85.	7.22	5	52.291	11.70		
85.	7.25	5	52.189	11.18		− 1′
7971	8.4	2.3285	+0.0032	− 5.370	+0.330	30°2925
84.	6.28	2	16 57 52.277	29 59 55.50		
86.	7.14	5	52.370	55.89		+ 1^s
88.	7.26	5	52.421	55.42		
92.	7. 8	7	52.377	56.09		
92.	7. 9	7	52.390	56.44		
7972	9.2	2.3224	+0.0032	− 5.362	+0.329	30°2926
84.	7. 7	3	16 57 58.043	30 12 1.21		v. ft.
87.	6.30	4	58.225	1.21		
88	7.19	7	58.024	1.58		
7973	8.7	2.4708	+0.0032	− 5.359	+0.350	25°3190
73.	6. 9	2	16 58 0.447	25 1 35.93		
75.	7. 6	3	0.568	36.08		
85.	7.24	5	0.385	36.32		
7974	9.4	2.4163	+0.0032	− 5.358	+0.342	27°2743
73.	6.17	3	16 58 1.014	26 58 51.96		
93.	6.12	7	0.785	50.75		
7975	9.4	2.3868	+0.0032	− 5.357	+0.338	28°2655
73.	7. 4	2	16 58 1.630	28 0 46.22		†
7976	7.7	2.3385	+0.0032	− 5.345	+0.331	29°2927
77.	6.27	3	16 58 10.174	29 39 28.59		Z.C.δ28″.0
77.	6.29	3	10.268	28.11		
78.	7.19	2	10.302	27.38		
7977	9.4	2.3367	+0.0032	− 5.341	+0.331	29°2928
93.	6. 7	7	16 58 12.830	29 43 3.12		
93.	6.15	6	12.683	3.57		
7978	$9^m.3$	$2^s.3458$	$+0^s.0032$	$-\ 5''.336$	$+0''.332$	29°2929
84.	6.30	4	$16^h\,58^m\,16^s.453$	29° 24′ 23″.26		
87.	7.11	7	16.510	22.67		
7979	8.6	2.3855	+0.0032	− 5.331	+0.338	28°2657
73.	7. 4	2	16 58 19.758	28 3 2.74		Z.C.δ 2″.5
78.	7.17	3	19.729	2.35		
80.	7.13	3	19.905	2.97		
80.	7.15	3	19.830	1.49		
83.	6.29	3	19.861	3.12		
7980	9.2	2.4102	+0.0032	− 5.274	+0.341	27°2744
85.	7. 6	5	16 59 0.409	27 10 11.38		†
7981	9.4	2.4237	+0.0032	− 5.259	+0.343	26°2941
75.	7.10	3	16 59 11.072	26 41 13.36		− 1^m
75.	7.12	2	11.278	12 69		
77.	6.26	3	11.302	13.15		
7982	9.0	2.4260	+0.0032	− 5.253	+0.344	26°2942
78.	7. 8	3	16 59 15.511	26 36 10.59		
78.	7.13	3	15.445	10.32		
7983	8.9	2.3534	+0.0032	− 5.250	+0.334	29°2931
72.	6.13	3	16 59 18.071	29 7 18.99		Z.C.δ18″.4
76.	6.20	3	17.904	19 27		
80.	7.13	3	17.782	18.48		+ 1^m
80.	7.15	3	17.827	18.14		
85.	7. 8	5	17.842	17.32		
7984	9.5	2.4440	+0.0032	− 5.241	+0.346	25°3192
73.	6. 9	2	16 59 23.766	25 57 31.03		
78.	7. 3	3	23.866	30.63		
80.	7. 9	3	23.977	31.27		ex. ft.
7985	8.3	2.4080	+0.0032	− 5.233	+0.341	27°2748
74.	7.17	3	16 59 29.808	27 13 57.49		
76.	6.27	3	29.525	58.70		
77.	7. 4	3	29.687	56.98		
78.	7.16	3	29.732	57.80		
84.	6.28	3	29.487	58 06		
84.	7. 2	4	29.722	58.37		
84.	7. 4	5	29.663	56.92		
7986	9.1	2.4205	+0.0032	− 5.226	+0.343	26°2943
84.	6.30	3	16 59 34.879	26 47 30.65		
84.	7.16	5	34.996	30.50		
84.	7.17	4	34.834	30.44		
7987	9.4	2.3919	+0.0032	− 5.211	+0.339	27°2750
73.	7. 5	3	16 59 45.261	27 47 19.43		Z.C.δ19″.7
77.	6.20	3	45.250	20.84		
77.	7. 4	2	45.261	18.75		
7988	9.4	2.3500	+0.0032	− 5.208	+0.333	29°2932
86.	7 14	4	16 59 47.226	29 13 27.22		†
7989	7.3	2.3782	+0.0032	− 5.207	+0.337	28°2661
77.	7 7	3	16 59 48.295	28 15 50.89		
78.	7.17	3	48.389	50.98		c.d.n.f.

7990 $8^{m}.1$ $2^{s}.3608$ $+0^{s}.0032$ − $5''.202$ $+0''.335$ 28°2662

76. 6.24	3 ′	$16^{h}59^{m}51^{s}.815$	28° 51′ $13''.36$	
84. 6.25	4	51.946	12.66	
84. 7. 7	5	51.775	13.00	
85. 7.14	5	52.013	12.74	

7991 8.0 2.3313 +0.0032 − 5.196 +0.331 29°2933

72. 6.14	3	16 59 55.914	29 50 54.29	
77. 6.29	3	55.722	55.41	
78. 7 19	2	55.791	55.50	

7992 8.5 2.4299 +0.0032 − 5.191 +0.344 26°2944

73. 6.23	3	16 59 59.561	26 26 49.48	
75. 7.10	3	59.581	48.69	
75. 7.12	3	59.627	49.41	

7993 9.0 2.4044 +0.0032 − 5.186 +0.341 27°2751

73. 6.17	3	17 0 2.856	27 20 49.93	
78. 7.16	2	2.764	50.21	

7994 8.2 2.4129 +0.0032 − 5 184 +0.342 27°2752

74. 7.17	3	17 0 4.973	27 2 50.56	
79. 8. 4	3	4.856	51.47	
82. 6.15	3	4.909	50.41	
82. 7.29	3	4.747	50.33	
82. 8. 2	3	4.845	51.02	

7995 9.4 2.3519 +0.0032 − 5.175 +0.334 29°2934

81. 7.11	3	17 0 11.261	29 8 48.94	†Z.C. δ $48''.9$

7996 9.0 2.4474 +0.0032 − 5.172 +0.347 25°3195

84. 6.27	7	17 0 12.935	25 48 55.65	§
85. 7.22	5	13.046	54.80	
85. 7.24	5	12.967	55.91	

7997 8.7 2.4496 +0.0032 − 5.172 +0.347 25°3194

73. 6.19	3	17 0 13.113	25 44 9.53	
75. 7. 6	3	13.033	10.10	
78. 7. 3	3	13.326	9.03	
85. 7.17	5	13.152	10.02	

7998 9.2 2.4672 +0.0032 − 5.152 +0.350 25°3196

74. 7.13	3	17 0 27.320	25 5 41.88	
83. 6.29	3	27.187	43.60	
83. 7. 4	3	27.266	42.73	
85. 7.25	5	27.000	41.49	

7999 8.2 2.4242 +0.0032 − 5.144 +0.344 26°2946

73. 6.23	2	17 0 32.917	26 37 54.80	
77. 6.26	3	32.771	54.76	
78. 7. 8	2	32.802	55.32	
78. 7.13	3	32.716	54.54	

8000 8.6 2.3776 +0.0032 − 5.144 +0.337 28°2665

73. 7. 4	3	17 0 33.066	28 15 32.69	Z.C. δ $33''.7$
77. 7. 7	3	32.914	33.39	
78. 7.17	3	32.847	34.21	
80. 7.13	3	32.842	34.62	

8001 8.1 2.4509 +0.0032 − 5.141 +0.347 25°3197

73. 6.19	3	17 0 35.405	25 40 38.73	
74. 7.29	2	35.411	39.22	
85. 7.23	7	35.400	39.51	

8002 $7^{m}.8$ $2^{s}.3322$ $+0^{s}.0032$ − $5''.126$ $+0''.331$ 29°2935

77. 6.27	3	$17^{h}\,0^{m}45^{s}.917$	29° 47′ $38''.05$	Z.C. δ $37''.7$
84. 6.25	4	45.931	38.22	§
85. 7. 6	5	46.032	38.16	
85. 7. 8	5	45.978	36.93	

8003 8.8 2.4241 +0.0032 − 5.125 +0.344 26°2947

73 6.23	2	17 0 46.466	26 37 50.13	Z.C. δ $50''.5$
77. 6.26	1	46.671	50.82	
78. 7. 8	3	46.533	50.63	

8004 8.7 2.4151 +0.0032 − 5.103 +0.342 26°2948

75. 7.10	2	17 1 2.188	26 56 42.43	
75. 7.12	2	2.274	42.80	
78. 7.13	3	2.157	43.22	

8005 9.0 2.4173 +0.0032 − 5.098 +0.343 26°2949

82. 7 29	3	17 1 5.838	26 51 54.70	
85. 7.10	5	5.925	54.55	
88. 7.19	5	5.976	54.96	
88. 7.26	5	5.840	54.82	
92. 7.28	7	5.966	55.23	

8006 9.5 2.4047 +0.0032 − 5.094 +0.341 27°2758

73. 7. 5	3	17 1 7.907	27 18 11.27	
76. 6.27	3	8.117	9.53	
77. 6.20	3	8.004	12.67	
80. 6.29	2	8.555	11.44	§ ex. ft. − 1^{m}.
80. 7. 9	3	8.041	10.85	
80 7.13	2	8.229	12.37	
82. 6.15	3	8.554	8.39	
82. 6.28	2	8.460	11.84	

8007 8.7 2.4310 +0.0032 − 5.086 +0.344 26°2950

84. 7. 2	4	17 1 14.425	26 22 24.00	
86. 7.20	7	14.226	24.36	
88. 7.21	5	14.405	23.85	

8008 9.0 2.4179 +0.0032 − 5.085 +0.343 26°2951

80. 7.15	3	17 1 14.720	26 50 15 19	
92. 7. 7	5	14.881	13.59	
93. 6.23	7	14.743	14.67	
93. 6.28	7	14.927	14.18	

8009 8.8 2.4222 +0.0032 − 5 085 +0.343 26°2952

82. 7.28	3	17 1 14.849	26 41 12.53	
86. 7.28	7	15.227	12.96	
87. 6.30	7	15.060	12.97	
87. 7.21	7	15.169	12.61	

8010 9.0 2 4541 +0.0032 − 5.083 +0.348 25°3199

73. 6. 9	3	17 1 16.010	25 32 48.57	
75. 7. 6	3	16.162	48.19	
78. 7. 3	3	16.200	48.19	

8011 9.1 2.3936 +0.0032 − 5.072 +0.340 27°2759

84. 7. 4	7	17 1 23.766	27 41 6.53	
87. 7.11	5	23.648	6.56	
87. 7.13	7	23.763	6.48	
87. 7.19	7	23.765	7.11	
90. 7.19	7	23.789	7.03	

8012 9.1 2.3577 +0.0032 − 5.067 +0.335 28°2669

84. 7.16	5	17 1 27.384	28 54 54.60	
84. 7.17	5	27.371	54.59	
87. 7.14	7	27.412	53.91	

8013 $8^{m}.6$ $2^{s}.4379$ $+0^{s}.0032$ $-5''.052$ $+0''.346$ 26°2954
84. 7. 7 5 $17^{h}\ 1^{m}38^{s}.043$ $26^{\circ}\ 7'\ 14''.64$
85. 7.14 5 38.287 13.94
87. 7.20 7 38.328 13.06

8014 9.5 2.4312 +0.0032 − 5.047 +0.345 26°2955
83. 7. 4 3 17 1 41.904 26 21 20.33
93. 6.29 7 41.640 18.78

8015 9.2 2.3943 +0.0032 − 5.045 +0.340 27°2760
73. 6.17 3 17 1 43.302 27 39 7.76 †

8016 8.5 2.3539 +0.0031 − 5.037 +0.335 29°2938
72. 6.13 3 17 1 49.021 29 2 11.20 Z.C. Ep. 75.2
72. 6 14 3 49.282 9.89
77. 6.27 3 48.960 11.91
78. 7.19 3 49.000 11.04

8017 8.9 2.4078 +0.0032 − 5.031 +0.342 27°2761
74. 7.17 3 17 1 53.323 27 10 34.13
78. 7.16 3 53.277 35.76
85. 7.17 5 53.240 35.11

8018 9.0 2.3566 +0.0031 − 5.027 +0.335 28°2670
73. 7. 4 3 17 1 55.956 28 56 19.78
76. 6.24 3 55.978 21.54

8019 9.4 2.4341 +0.0032 − 5.027 +0.346 26°2957
73. 6.23 1 17 1 55.910 26 14 45.59 $+5'$
77. 6.26 1 55.989 45.87 Z.C. $\delta\,45''.2$
82. 6.28 2 56.228 46.28
82. 6.30 3 56.243 42.88

8020 9.5 2.4547 +0.0032 − 5.026 +0.349 25°3200
73. 6. 9 3 17 1 56.802 25 30 24.48 †

8021 9.5 2.3951 +0.0032 − 5.019 +0.341 27°2762
93. 6.16 7 17 2 1.775 27 36 59.76
93. 6.24 6 1.308 58.75

8022 8.7 2.4667 +0.0032 − 5.013 +0.351 25°3201
73. 6.19 3 17 2 5.662 25 4 15.68 Z.C. Ep. 79.5
82. 6.15 3 5.850 15.30 -5^{m}
82. 7.29 3 5.718 15.60

8023 9.4 2.4434 +0.0032 − 5.008 +0.347 25°3202
74. 7.13 3 17 2 9 050 25 54 25.83 † s.p. of 2

8024 9.4 2.4700 +0.0032 − 4.981 +0.351 24°3123
85. 7.24 5 17 2 28.206 24 56 21.28 †

8025 8.7 2.4205 +0.0031 − 4.978 +0.344 26°2959
75. 7.10 3 17 2 30.335 26 42 55.80
78. 7. 8 3 30.432 55.56
78. 7.13 2 30.294 55.73

8026 8.0 2.3753 +0.0031 − 4 976 +0.338 28°2671
77. 7. 7 3 17 2 31.725 28 17 11.11
78. 7.17 3 31.690 10.12
82. 7.26 3 31.668 9.48

8027 9.0 2.3776 +0.0031 − 4.973 +0.338 28°2672
85. 7.25 7 17 2 33.985 28 12 24.19
92. 7. 4 7 34.220 27.85

8028 $9^{m}.4$ $2^{s}.3377$ $+0^{s}.0031$ $-4''.965$ $+0''.333$ 29°2940
77. 6.29 3 $17^{h}\ 2^{m}39^{s}.925$ $29^{\circ}\ 33'\ 15''.86$ †

8029 8.0 2.4036 +0.0031 − 4.955 +0.342 27°2763
73. 7. 5 3 17 2 46.381 27 18 6.53
74. 7.17 3 46.556 5.29
77. 7. 4 3 46.372 5.26
79. 8. 4 3 46.435 5.90
88. 7.26 5 46.405 7.29

8030 9.3 2.4532 +0.0032 − 4.955 +0.349 25°3203
75. 7. 6 3 17 2 46.549 25 32 25.51 Z.C. $\delta\,24''.8$
78. 7. 3 1 46.709 23.77
80. 7. 9 3 46.560 25.21

8031 7.7 2.4044 +0.0031 − 4.938 +0.342 27°2764
73. 6.17 3 17 2 58.455 27 15 55.28 Z.C. $\delta\,54''.2$
73. 7. 5 3 58.602 53.74
77. 7. 4 2 58.600 53.46

8032 8.0 2.3445 +0.0031 − 4.927 +0.334 29°2942
72. 6.13 3 17 3 6.440 29 19 4.31
72. 6.14 3 6.529 2.89
77. 6.27 3 6.309 3.26
87. 7.25 7 6.450 2.57

8033 9.5 2.4704 +0.0032 − 4.913 +0.351 24°3126
85. 7. 6 5 17 3 16.816 24 54 27.45
85. 7. 8 7 16.741 26.04
86. 7.14 6 16.753 27.04

8034 9.0 2.4185 +0.0031 − 4.906 +0.344 26°2960
75. 7.12 3 17 3 21.560 26 45 43.17 Z.C. $\delta\,42''.5$
77. 6.26 1 21.240 43.00
78. 7. 8 3 21.426 42.37
80. 7.13 3 21.530 42.99
84. 7. 7 3 21.422 42.50
85. 7.10 7 21.490 41.66
88. 7.21 7 21.505 41.73

8035 7.0 2.3713 +0.0031 − 4.901 +0.337 28°2677
76. 6.24 3 17 3 24.675 28 24 3.52
78. 7.17 3 24.700 3.26
78 7.18 2 24.909 2.81
88. 7.19 7 24.712 2.19

8036 9.0 2.3771 +0.0031 − 4.900 +0.338 28°2676
73. 7. 4 3 17 3 25.540 28 12 1.44
82. 7.28 3 25.487 1.62
83. 7. 4 3 25.461 1.04
84. 7. 2 4 25.544 2.83
84 7.16 2 25.728 1.47 ex. ft.

8037 9.0 2.3575 +0.0031 − 4.890 +0.336 28°2678
73. 7. 4 2 17 3 32.415 28 51 56.20
77. 7. 7 3 32.672 55.56
80. 6.29 3 32.587 55.70
80. 7. 9 3 32.615 56.94
85. 7.14 7 32.582 57.08

8038 8.8 2.3328 +0.0031 − 4.859 +0.332 29°2946
78. 7.19 3 17 3 54.835 29 41 4.35
82. 7.26 3 54.843 4.01

8039	$8^{m}.8$	$2^{s}.3888$	$+0^{s}.0031$	$-4''.859$	$+0''.340$	27°2766
74. 7.17	3	$17^{h}\ 3^{m}\ 55^{s}.187$	$27^{\circ}\ 47'\ 0''.49$			
78. 7.16	3	54.945	0.96			
84. 7.19	4	55.109	2.43			
84. 7.21	5	55.177	1.01			
8040	9.2	2.4430	+0.0032	− 4.821	+0.348	25°3205
73. 6. 9	3	17 4 21.606	25 51 54.44			
73. 6.19	3	21.526	53.84			
74 7.13	3	21.674	54.07			
75. 7. 6	3	21.757	55.23			
8041	9.1	2.4095	+0.0031	− 4.817	+0.343	27°2767
74. 7.17	2	17 4 24.379	27 3 15.14	Z.C. Ep. 80.5		
80. 7.13	3	24.154	14.60			
81. 7.11	3	24.333	15.16			
85. 7.17	5	24.070	14.35			
8042	9.3	2.3999	+0.0031	− 4.808	+0.341	27°2768
73. 6.17	3	17 4 30.695	27 22 60.97			
73. 7. 5	3	30.770	59.53			
77. 7. 4	1	30.959	59.53			
84. 7. 4	7	30.696	59.71			
85. 7.22	7	30.846	60.42			
				Z.C. δ27° 23′ 0″.0		
8043	9.5	2.3199	+0.0031	− 4.798	+0.331	30°2935
72. 6.14	3	17 4 37.524	30 5 54.42			
82. 6.30	2	37.763	52.96	ex. ft.		
83. 7. 4	2	37.571	53.45	w. $5+1^{s}$		
8044	9.4	2.3998	+0.0031	− 4.797	+0.341	27°2769
73. 6.17	2	17 4 38.865	27 23 0.13			
84. 7. 2	5	38.586	0.87			
8045	9.0	2.3363	+0.0031	− 4.793	+0.333	29°2948
72. 6.14	3	17 4 41.511	29 32 46.70			
77. 6.27	3	41.576	45.89			
77. 6.29	3	41.568	47.61			
8046	7.1	2.4217	+0.0031	− 4.775	+0.345	26°2963
73. 6.23	3	17 4 53.948	26 36 48.06			
74. 7.16	2	54.084	46.99			
75. 7.10	3	53.911	47.45			
75. 7.12	3	53.996	47.68			
75. 8. 4	3	53.947	48.45			
78. 7. 8	3	53.943	48.53			
8047	9.3	2.4440	+0.0031	− 4.764	+0.348	25°3206
73. 6. 9	3	17 5 1.619	25 48 55.27			
73. 6.19	3	1.548	54.19			
75. 7. 6	3	1.925	55.79			
8048	8.8	2.3504	+0.0031	− 4.736	+0.335	29°2950
78. 7.19	3	17 5 21.779	29 3 29.58			
80. 7. 9	3	21.877	28.42			
84. 7.16	1	22.041	29.05	bad		
8049	8.2	2.3424	+0.0031	− 4.719	+0.334	29°2951
77. 6.29	3	17 5 33.554	29 19 25.26			
78. 7.19	3	33.566	24.36			
80. 7.13	3	33.598	25.52			
82. 7.26	3	33.524	25.82			
8050	$9^{m}.0$	$2^{s}.4543$	$+0^{s}.0031$	$-4''.718$	$+0''.350$	— —
74. 7.13	3	$17^{h}\ 5^{m}\ 33^{s}.934$	$25^{\circ}\ 25'\ 57''.03$			
92. 7. 8	7	34.172	55.86			
8051	9.2	2.4687	+0.0031	− 4.708	+0.352	24°3139
84. 7. 7	4	17 5 41.542	24 54 31.96			
84. 7.19	2	41.583	31.62	ex. ft.		
85. 7. 6	5	41.584	31.54			
8052	9.1	2.4003	+0.0031	− 4.681	+0.343	27°2774
76. 6.27	3	17 6 0.849	27 19 59.84			
78. 7.16	3	0.641	59.51			
8053	9.2	2.4678	+0.0031	− 4.670	+0.352	— —
81. 7.11	2	17 6 7.936	24 55 54.06			
92. 7. 9	2	8.064	54.76			
8054	9.4	2.3555	+0.0031	− 4.662	+0.336	28°2684
73. 7. 4	3	17 6 13.486	28 51 46.66	Z.C. δ47″.2		
77. 7. 7	3	13.561	48.23			
78. 7.17	3	13.419	47.34			
78. 7.18	3	13.697	46.65			
8055	9.4	2.4115	+0.0031	− 4.653	+0.344	26°2965
73. 6.23	3	17 6 20.473	26 56 7.96			
75. 7.10	3	20.219	7.42			
75. 7.12	3	20.274	7.50	v. ft.		
8056	8.6	2.3289	+0.0031	− 4.640	+0.332	29°2952
72. 6.13	3	17 6 29.306	29 44 50.64	Z.C. δ50″.6		
72. 6.14	2	29.135	50.78			
77. 6.27	3	29.068	49.85			
77. 6.29	2	29.341	51.08			
88. 7.26	7	29.208	50.63			
8057	9.2	2.4696	+0.0031	− 4.633	+0.353	24°3143
84. 7. 2	7	17 6 33.889	24 51 31.05			
85. 7. 8	7	33.878	29.78			
85. 7.10	7	33.964	28.79			
8058	8.5	2.4158	+0.0031	− 4.617	+0.345	26°2967
77. 6.26	3	17 6 45.693	26 46 24.57	Z.C. δ24″.4		
78. 7. 8	3	45.597	25.16			
81. 7.12	3	45.555	23.60			
8059	9.0	2.4277	+0.0031	− 4.613	+0.347	26°2968
80. 7.15	3	17 6 48.577	26 21 13.60	Z.C. Ep. 83.3		
82. 6.30	3	48.734	13.30			
82. 7.28	3	48.546	13.29			
85. 7.14	7	48.595	13.42			
85. 7.17	5	48.680	12.22			
8060	9.5	2.3957	+0.0031	− 4.608	+0.342	27°2776
80. 7. 9	3	17 6 51.917	27 28 24.70			
80. 7.13	3	51.703	26.20			
8061	9.1	2.3995	+0.0031	− 4.606	+0.343	27°2777
76. 6.27	3	17 6 53.209	27 20 21.92			
82. 7.29	3	53.025	21.96			
84. 7. 4	3	53.081	22.05			
84. 7.19	2	53.052	24.05			
84. 7.21	5	53.152	21.79			
85. 7.22	7	53.101	21.67			
88. 7.19	7	53.083	21.50			

8062	9^{m}2	2^{s}3988	+0^{s}0031	− 4″598	+0″343	27°2778
	74.	7.17	3	17^{h} 6^{m}59^{s}291	27° 21′ 33″40	Z.C. Ep.86.8
	85.	7.23	7	58.976	34.16	
	93.	6.23	4	59.039	32.47	
	93.	6.24	7	59.004	34.43	
8063	8.3	2.4543	+0.0031	− 4.597	+0.350	25°3212
	73.	6. 9	3	17 6 59.624	25 23 54.33	
	73.	6.19	3	59.662	54.50	
	75.	7. 6	3	59.713	54.91	
	92.	7.28	7	59.611	56.55	
	93.	6.15	7	59.559	58.47	
8064	9.0	2.3329	+0.0031	− 4.593	+0.333	29°2954
	84.	7. 7	3	17 7 2.557	29 36 9.71	
	85.	7.24	5	2.633	8.63	
8065	8.9	2.4690	+0.0031	− 4.583	+0.353	24°3145
	79.	6.27	3	17 7 9.044	24 52 4 59	
	82.	7.26	3	9.191	5.04	
	85.	7.25	6	9.065	4.21	
8066	8.7	2.3305	+0.0031	− 4.574	+0.333	29°2958
	81.	7.12	3	17 7 15.669	29 40 42.57	Z.C. δ43″1
	86.	7.20	7	15.690	43.67	
8067	8.8	2.4129	+0.0031	− 4.566	+0.345	26°2970
	75.	7.10	1	17 7 21.046	26 51 38.72	-1^{m}
	75.	7.12	3	21.192	39.33	
	78.	7. 8	2	21.247	39.94	
8068	9.0	2.3755	+0.0031	− 4.555	+0.339	28°2690
	74.	7.18	3	17 7 29.419	28 9 1.42	
	78.	7.17	3	29.285	1.97	
	87.	6.30	5	29.332	2.56	
8069	8.9	2.3674	+0.0031	− 4.529	+0.338	28°2692
	80.	7.13	2	17 7 47.459	28 25 18.30	
	84.	7.17	4	47.484	18.09	
	88.	7.21	5	47.605	18.16	
8070	8.7	2 3577	+0.0031	− 4.524	+0.337	28°2693
	77.	7. 7	3	17 7 51.216	28 44 53.79	Z.C. δ53″2
	84.	7. 4	4	51.092	52.92	
	85.	7. 6	5	51.148	52.98	
8071	8.3	2.3184	+0.0031	− 4.519	+0.332	30°2946
	72.	6.13	3	17 7 54.620	30 3 33.09	Z.C. δ33″5
	72.	6.14	3	54.658	33.58	
	80.	7.15	2	54.584	33.95	
8072	7.9	2.4611	+0.0031	− 4.511	+0.351	25°3215
	82.	7.26	3	17 8 0.446	25 8 8.36	
	92.	7. 4	7	0.369	8.55	
8073	8.1	2.3771	+0.0031	− 4.494	+0.340	28°2694
	82.	7.28	3	17 8 12.201	28 4 48.85	
	82.	7.29	3	11.933	48.12	
8074	9.0	2.4324	+0.0031	− 4.489	+0.347	26°2973
	75.	7.12	3	17 8 15.421	26 9 18.68	Z.C. δ18″8
	77.	6.26	3	15.478	19.29	
	81.	7 12	2	15.524	18.28	
8075	9^{m}0	2^{s}3531	+0^{s}0031	− 4″472	+0″336	28°2695
	78.	7.17	3	17^{h} 8^{m}27^{s}237	28° 53′ 29″04	
	85.	7. 8	5	27.235	29.11	
8076	9 1	2.3365	+0.0031	− 4.457	+0.334	29°2962
	77.	6.29	3	17 8 38.425	29 26 37.50	Z.C. δ36″6
	93.	6.28	7	38.334	35.76	
8077	8.6	2.4271	+0.0031	− 4.436	+0.347	26°2976
	84.	7. 7	4	17 8 52.814	26 19 36.75	
	85.	7.25	5	52 874	35.11	
8078	8.7	2.3509	+0.0031	− 4.424	+0.336	28°2697
	78.	7.17	3	17 9 1.114	28 56 57.12	c.d.s.
	80.	7.13	2	1.016	57.00	c.d.s.p.
	85.	7.24	5	0.983	57.78	
8079	8 5	2 4085	+0.0031	− 4.422	+0.344	26°2977
	78.	7. 8	3	17 9 2.829	26 58 30.49	
	82.	7.26	3	2.747	31.26	
	82.	7.29	3	2.706	30.36	
8080	9.3	2.3699	+0.0031	− 4.414	+0.339	28°2699
	80.	7.15	2	17 9 8.266	28 18 17.76	Z.C. δ18″3
	82.	6.30	2	8.669	18.89	
8081	9.0	2.4242	+0.0031	− 4.412	+0.346	26°2978
	82.	7.28	3	17 9 9.440	26 25 20.92	
	92.	7. 8	5	9.612	20.76	
8082	8.7	2.4098	+0.0031	− 4.400	+0.345	26°2979
	84.	7.17	7	16 9 18.000	26 55 31.17	
	88.	7.26	7	18.094	32.33	
8083	8.9	2.3747	+0.0031	− 4.398	+0.339	28°2700
	84.	7.19	4	16 9 19.495	28 8 12.76	
	84.	7.21	5	19.486	11.13	
8084	8.5	2.3277	+0.0031	− 4.397	+0.333	29°2963
	72.	6.13	3	17 9 20.381	29 42 56.99	
	72.	6.14	3	20.430	56.72	
8085	6.8	2.4303	+0.0031	− 4.384	+0.348	26°2980
	77.	6.26	3	17 9 29.253	26 11 51.22	
	92.	7. 9	4	29.418	50.88	clds.
8086	8.4	2.3749	+0.0031	− 4.362	+0.340	28°2702
	87	7.21	5	17 9 45.119	28 7 9.73	
	92.	7.11	6	44.907	11.90	
8087			Fundamental Star			25°3221
8088	9.4	2.4118	+0.0031	− 4.338	+0.346	26°2981
	93.	6.16	7	17 10 1.457	26 50 23.09	-1^{m}
	93.	6.24	4	1.446	23.49	w. $3-1^{s}$
8089	9.3	2.4672	+0.0031	− 4.317	+0.354	24°3156
	81.	7.12	3	17 10 16.222	24 51 51.62	†
8090	9.3	2.3226	+0.0031	− 4.313	+0.333	29°2967
	77.	6.29	3	17 10 19 262	29 51 40 23	† Z.C. δ40″2

8091	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.3495$	$+0^{\mathrm{s}}.0031$	− 4″.306	+0″.336	28°2703
93.	6.23	3	$17^{\mathrm{h}}10^{\mathrm{m}}24^{\mathrm{s}}.348$	28° 57′ 55″.52		
93.	6.29	7	24.310	56.75		
8092	9.2	2.4608	+0 0031	− 4.297	+0.353	25°3224
92.	7.28	7	17 10 30.522	25 5 30.60		
93.	6.30	7	30.680	29.43		−5′
8093	9.0	2.4359	+0.0031	− 4.282	+0.349	25°3226
82.	7.26	3	17 10 41.245	25 58 23.71		
85.	7.25	5	41.133	23.91		
8094	8.5	2.3298	+0.0030	− 4.278	+0.334	29°2971
72.	6.13	3	17 10 43.869	29 36 49.20		
72.	6.14	3	43.937	48.65		
82.	7.29	2	43.847	47.56		
8095	9.4	2.4517	+0.0031	− 4.262	+0.351	25°3227
80.	7.13	3	17 10 54.946	25 24 31.84		
93.	7. 3	7	55.256	33.35		
8096	9.0	2.4432	+0.0031	− 4.260	+0.350	25°3228
84.	7. 7	5	17 10 56.751	25 42 32.97		
85.	7.24	5	56.710	32.97		
8097	9.4	2.4291	+0.0031	− 4.258	+0.349	26°2985
77.	6.26	2	17 10 57.055	26 12 36.08		
78.	7. 8	3	57.617	36.55		
8098	6.8	2.3986	+0.0030	− 4.256	+0.344	27°2780
76.	6.27	3	17 10 59.359	27 16 38.75		Z.C. δ 38″.2
80.	7.15	3	59.192	38.50		
84.	7.21	5	59.259	37.48		
8099	9.2	2.4243	+0.0031	− 4 241	+0.347	26°2988
82.	6.30	3	17 11 10.514	26 22 28.19		
82.	7.28	2	10.167	28.13		
84.	7.19	3	10.024	29.28		-10^{s}
8100	9.0	2.4471	+0.0031	− 4.222	+0.351	25°3229
81.	7.12	3	17 11 23.263	25 34 4.04		
84.	7.17	5	23.440	4.86		
8101	9.5	2.4023	+0.0030	− 4.221	+0.344	27°2781
76.	6.27	3	17 11 23.884	27 8 19.38		Z.C. δ 19″.9
80.	7.15	1	24.268	20.44		
8102	9.5	2.3608	+0.0030	− 4.219	+0.338	28°2707
78.	7.17	3	17 11 25.704	28 33 38.54		
93.	6.15	7	25.641	39.01		
8103	8.9	2.3824	+0.0030	− 4 206	+0.342	27°2782
74.	7.17	2	17 11 34.841	27 49 17.20		Z.C. δ 17″.3
77.	7. 4	2	34.816	17.40		
78.	7.16	2	34.614	17.31		
8104	8.7	2.4142	+0.0030	− 4.206	+0.346	26°2990
74.	7.16	3	17 11 34.699	26 43 4.71		
78.	7. 8	3	34.844	6.35		d.n.l.
8105	8.6	2.3611	+0.0030	− 4.204	+0.339	28°2708
78.—	7.17	2	17 11 36.223	28 32 45.07		
87.	7.21	7	36.221	44.34		
8106	$9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.3301$	$+0^{\mathrm{s}}.0030$	− 4″.187	+0″.334	29°2975
72.	6.14	3	$17^{\mathrm{h}}11^{\mathrm{m}}48^{\mathrm{s}}.129$	29° 34′ 42″.31		Z.C. δ 43″.1
77.	6.27	2	47.874	43.43		
78.	7.19	2	47.965	43.49		
8107	9.3	2.3208	+0.0030	− 4 184	+0.333	29°2976
77.	6.29	3	17 11 49.094	29 53 15.89		† w. $7+10^{\mathrm{s}}$
						Z.C. α $49^{\mathrm{s}}.09$: δ 15″.9
8108	9.3	2.4299	+0.0031	− 4.173	+0.348	26°2991
77.	6.26	3	17 11 57.622	26 9 37.50		Z.C. δ 38″.8
78.	7.13	2	57.861	40.51		
80.	7.13	2	57.582	38.30		
8109	8.0	2.4102	+0.0030	− 4 169	+0.346	26°2992
73.	6.23	2	17 12 0.327	26 51 2.14		Z.C. δ 2″.6
80.	7. 9	3	0.450	3.20		
82.	7.26	3	0.349	2.58		
8110	8.5	2.4289	+0.0031	− 4.165	+0.348	26°2993
82	6.15	3	17 12 3.060	26 11 39.98		
92.	7. 4	5	3.037	40.87		
8111	9.2	2.4029	+0.0030	− 4.163	+0.345	27°2783
75.	7.24	2	17 12 4.547	27 6 5.13		
82.	6.30	3	4.956	4.76		
82.	7.28	3	4.639	4.75		
86.	7.20	7	4.675	5.39		
8112	9.1	2.3752	+0.0030	− 4.163	+0.341	28°2709
81.	7.12	1	17 12 4.675	28 3 18.73		Z.C. δ 18″.8
88.	7 21	5	4 850	18.82		
8113	7.5	2.4341	+0.0031	− 4.161	+0.349	26°2994
74.	7.16	1	17 12 6.189	26 0 35.07		
81.	7.11	3	6.311	37.03		
8114	9.0	2.4578	+0.0031	− 4.149	+0.352	25°3231
73.	6. 9	3	17 12 14.225	25 9 47.61		
78.	7. 3	3	14.471	44.95		s.p. of 2
8115	8.5	2.4475	+0.0031	− 4.149	+0.351	25°3232
74.	7.13	3	17 12 14.522	25 31 54.51		
79.	7.31	3	14.641	55.22		
8116	9.2	2.3526	+0.0030	− 4.139	+0.338	28°2710
78.	7.18	2	17 12 21.579	28 48 50.96		
87.	7.14	5	21.716	51.93		
8117	7.0	2.3455	+0.0030	− 4.111	+0.337	29°2978
72.	6.13	3	17 12 41.542	29 2 55.27		
78.	7.19	3	41.311	54.06		
78.	7.20	3	41.276	54.25		
85.	7.17	5	41.345	54.99		
85.	7.25	5	41.026	54.50		
8118	8.0	2.3362	+0.0030	− 4.100	+0.335	29°2979
82.	8. 2	3	17 12 48.848	29 21 18.51		
84.	7.19	3	48.834	19.12		
84.	7.21	5	49.017	19.58		
85.	7.24	5	48.829	19.84		

8119	9$^{\rm m}$4	2$^{\rm s}$4468	+0$^{\rm s}$0030	− 4″093	+0″351	25°3236
73.	6.19	3	17$^{\rm h}$12$^{\rm m}$53$^{\rm s}$483	25° 32′ 23″47		
85.	7.22	7	53.745	24.42		
88.	7.19	7	53.591	24.31		
8120	8.0	2.3507	+0.0030	− 4.092	+0.338	28°2713
77.	7. 7	3	17 12 54.142	28 52 5.98		+1$^{\rm m}$
78.	7.17	3	54.235	5.33		Z.C. δ 6″2
84.	7. 7	5	54.160	6.59		
85.	7. 6	7	54.144	6.22		
88.	7.26	5	54.091	5.95		
92.	7.28	6	54.009	6.92		
8121	9.2	2 3503	+0.0030	− 4.092	+0.338	28°2714
74.	7 18	3	17 12 54.618	28 52 57.42		
92.	7.30	5	54.603	60.25		−1$^{\rm m}$
8122	9.0	2.4040	+0.0030	− 4.092	+0.345	27°2784
74.	7.17	3	17 12 54.711	27 2 53.09		
92.	7. 7	7	54.608	52.97		
8123	9.1	2.4413	+0.0030	− 4.091	+0.350	25°3237
80.	7.15	2	17 12 55.269	25 44 2.71		Z.C. δ 3″3
82.	8. 3	3	55.319	3.51		
85.	7.23	7	55.318	3.75		
8124	9.5	2.4553	+0.0030	− 4.082	+0.352	25°3238
93.	6.28	7	17 13 1.336	25 14 4.91		
93.	7 5	7	1.707	7.13		
8125	7.6	2.3455	+0.0030	− 4.081	+0.337	29°2981
72.	6.13	3	17 13 2.343	29 2 28 15		
92.	7. 9	5	2.348	29.10		
8126	9.0	2.3808	+0.0030	− 4.069	+0.342	27°2786
76.	6 27	3	17 13 10.214	27 50 31.96		Z.C. α 10$^{\rm s}$11
78.	7.16	2	10.017	30.81		
82.	6.15	3	10.108	31.19		+5′
8127	8.0	2.4030	+0.0030	− 4.049	+0.345	27°2787
73.	6.17	3	17 13 24.192	27 4 15.91		
73.	7. 5	3	24.091	14.78		
84.	7. 7	1	23.997	16.13		
85.	7. 8	7	24.170	12.97		
85.	7.14	5	24.187	15.31		
8128	7.2	2.4353	+0.0030	− 4.048	+0.349	25°3239
73.	6.19	3	17 13 25.376	25 56 18.33		
74.	7.13	3	25.367	18.36		
74.	7.16	1	25.318	19.75		
75.	7.12	3	25.412	19.23		
79.	7.31	3	25.500	20.71		
8129	8.2	2.3645	+0.0030	− 4.027	+0.339	28°2718
80.	7. 9	3	17 13 40.198	28 22 61.11		
82.	7.29	3	39.935	59.56		
82.	8. 2	3	40.153	60.19		
85.	7.10	7	40.077	60.73		
8130	9.5	2.3208	+0.0030	− 4.021	+0.333	29°2982
77.	6.29	3	17 13 43.894	29 50 33.35		
92.	7.23	2	43.960	33.55		
8131	9$^{\rm m}$1	2$^{\rm s}$4037	+0$^{\rm s}$0030	− 4″015	+0″345	27°2788
73.	7. 5	3	17$^{\rm h}$13$^{\rm m}$48$^{\rm s}$502	27° 2′ 17″26		Z.C. Ep. 86. 2
92.	7. 8	7	48.548	16.21		
92.	7.11	7	48.599	15.76		
8132	5.8	2.3474	+0.0030	− 4.006	+0.337	28°2719
78.	7.18	3	17 13 54.490	28 57 16.69		
80.	8. 9	3	54.492	16.46		
84.	8.22	7	54.503	16.80		
8133	8.8	2.3597	+0.0030	− 4.003	+0.339	28°2720
73.	7. 4	3	17 13 56.673	28 32 29.75		
82.	7.26	3	56.510	30.02		
86.	7.14	7	56.531	31.18		
8134	9.1	2.3497	+0.0030	− 3.976	+0.338	28°2721
80.	7. 9	2	17 14 15.834	28 52 17.25		
80.	7.13	3	15.807	16.77		
81.	7.12	3	15.807	16.50		
82.	7.28	3	15.770	17.11		
85.	7.25	5	15.773	16.38		
8135	7.1	2.3925	+0.0030	− 3.963	+0.343	27°2790
74.	7.17	3	17 14 24.935	27 24 51.22		
75.	7.29	3	24.722	52.17		
76.	6.27	3	24.843	53.08		
81.	7.11	3	24.732	51.54		
8136	7.1	2.3708	+0.0030	− 3.959	+0.340	28°2722
78.	7.17	3	17 14 27.413	28 9 22.30		
82.	7 29	3	27.405	21.51		
84.	7.21	5	27.313	21.53		
8137	9.4	2.4336	+0.0030	− 3.958	+0.349	26°3000
73.	6.23	2	17 14 27.809	25 58 43.80		Z.C. δ 44″8
75.	7.12	3	27.819	44.26		
78	7. 8	3	27.905	46.47		
8138	9.5	2.4326	+0.0030	− 3.954	+0.350	— —
73.	6 23	3	17 14 30.938	26 0 51.99		†
8139	9.5	2.4453	+0.0030	− 3.949	+0.352	25°3244
73.	6. 9	3	17 14 34.278	25 33 40.89		
78.	7. 3	3	34.328	39.03		
85	7.17	7	34.347	40.99		
8140	9.0	2.4627	+0.0030	− 3.941	+0.354	24°3164
73.	6.19	3	17 14 39.679	24 56 24.39		
74.	7.13	3	39.734	24.32		
79.	6.27	3	39.761	24.77		
87.	7.14	5	39.800	25.65		
8141	8.7	2.3405	+0.0030	− 3.941	+0.336	29°2987
72.	6.14	3	17 14 40.345	29 10 12.66		Z.C. δ 13″1
77.	6.27	3	40.322	14.51		
78.	7.19	3	40.081	12.57		
78.	7.20	3	40.396	12.80		
8142	9.0	2.3689	+0.0030	− 3.937	+0.340	28°2723
74.	7.18	3	17 14 42.684	28 12 48.40		
77.	7. 7	3	42.842	49.67		
82.	7.26	3	42.616	49.61		−30′
84.	7.19	4	42.499	50.88		

8143	$8^{\mathrm{m}}.9$	$2^{\mathrm{s}}.4397$	$+0^{\mathrm{s}}.0030$	$-3''.915$	$+0''.351$	25°3245
79.	7.31	3	$17^{\mathrm{h}}14^{\mathrm{m}}58^{\mathrm{s}}.376$	25° 45′ $12''.07$		
80.	7.15	3	58.235	11.78		+ 5′
82.	7.28	3	58.223	11.80		
88.	7.19	5	58.175	11.33		
8144	8.6	2.3574	+0.0030	− 3.908	+0.339	28°2724
73.	7. 4	3	17 15 3.306	28 35 42.67		
78.	7.18	3	3.165	41.56		
80.	7.13	3	3.127	43.32		
82.	8. 2	3	3.078	42.29		
8145	6.0	2.4421	+0.0030	− 3.906	+0.351	25°3246
74.	7.13	2	17 15 4.270	25 39 56.61		
80.	8. 9	2	4.161	57.14		
81.	7.11	2	4.184	58.31		
85.	7.14	7	4.192	58.08		
8146	9.0	2.4228	+0.0030	− 3.890	+0.348	26°3002
78.	7.13	3	17 15 15.937	26 20 35.07		
81.	7.12	3	15.717	34.36		
82	7.29	2	15.808	33.88		
88.	7.26	5	15.880	33.88		
8147	8.8	2.4131	+0.0030	− 3.872	+0.347	26°3003
74.	7.16	3	17 15 28.170	26 40 43.64		
75.	8. 4	3	28.290	43.98		
78.	7. 8	3	28.241	43.00		
88.	7.21	5	28.167	43.89		
8148	8.7	2.3847	+0.0030	− 3.856	+0.343	27°2792
73.	6.17	3	17 15 39.559	27 39 22.74		
73.	7. 5	3	39.807	21.84		clds.
75.	7.29	3	39.457	22.04		
8149	9.5	2.3856	+0.0030	− 3.844	+0.343	— —
73.	6.17	3	17 15 48.031	27 37 32.97		
90.	7.19	6	48.051	33.79		
8150	9.3	2.4633	+0.0030	− 3.827	+0.354	24°3169
84.	7. 7	4	17 15 59.419	24 53 33.52		
84.	7.17	4	59.591	33.41		
85.	7. 6	7	59.498	33.44		
8151	8.6	2.4368	+0.0030	− 3.813	+0.351	25°3249
73.	6. 9	3	17 16 9.151	25 49 59.43		
73.	6.19	3	9.199	58.33		
74.	7.13	1	9.412	56.30		
87.	7.14	5	9.147	57.40		
8152	8.1	2.4293	+0.0030	− 3.802	+0.350	26°3005
74.	7.16	3	17 16 17.034	26 5 38.77		
75.	7.12	3	17.057	37.75		
75.	8. 4	3	16.938	38.94		
8153	9.0	2.4013	+0.0030	− 3.786	+0.346	27°2794
74	7.17	3	17 16 28.210	27 4 3.81		
75.	7.29	3	28.112	3.80		
76.	6.27	3	27.933	5.15		
8154	9.4	2.4609	+0.0030	− 3.783	+0.354	24°3170
81.	7.12	3	17 16 29.947	24 57 55.80		Z.C. δ $56''.4$
84.	7.17	2	30.466	57.91		ex. ft.
84.	7.21	7	30.173	55.56		
8155	$8^{\mathrm{m}}.9$	$2^{\mathrm{s}}.4272$	$+0^{\mathrm{s}}.0030$	$-3''.778$	$+0''.349$	26°3007
73.	6.23	3	$17^{\mathrm{h}}16^{\mathrm{m}}33^{\mathrm{s}}.484$	26° 9′ $46''.85$		
78.	7.13	3	33.578	46.36		
79.	8. 4	3	33.678	46.42		
8156	6.6	2.3480	+0.0030	− 3.773	+0.338	28°2728
73.	7. 4	3	17 16 37.503	28 52 52.52		
74.	7.18	3	37.427	52.84		
77.	7. 7	3	37.483	54.10		
78.	7.18	3	37.492	54.02		
8157	9.2	2.4443	+0.0030	− 3.772	+0.352	— —
78.	7. 3	3	17 16 38.497	25 33 30.09		
92.	7. 8	7	38.359	31.22		w. 2 − 1^{s}
8158	8.8	2.3937	+0.0030	− 3.768	+0.345	27°2795
74.	7.17	1	17 16 40.861	27 19 38.98		Z.C. δ $39''.4$
77.	7. 4	3	40.566	38.56		
77.	7.12	3	40.505	40.54		
8159	9 4	2.3187	+0.0030	− 3.767	+0.334	29°2993
72.	6.13	3	17 16 41.482	29 50 59.32		
77.	6.29	3	41.476	61.22		
78.	7 19	3	41.339	60.52		
8160	9.4	2.3147	+0.0030	− 3.752	+0.333	29°2994
77.	6 27	3	17 16 52.054	29 58 29.46		Z.C. δ $29''.7$
78.	7.19	3	52.052	30.28		
80	7.13	3	51.989	29.21		
8161	8.9	2.4446	+0.0030	− 3.745	+0.352	25°3250
78.	7. 3	3	17 16 57.227	25 32 24.27		
79.	7.31	3	57.186	26.21		+ 1 int.
80.	7.15	3	57.095	24.97		
82.	7.28	3	56.987	25.32		
82.	7.29	3	57.218	25.58		
82.	8. 2	3	57.043	25.25		
8162	9.0	2.4288	+0.0030	− 3.734	+0.350	26°3008
.74.	7 16	3	17 17 4.333	26 5 46.11		†
8163	8.6	2.4256	+0.0030	− 3.731	+0.349	26°3009
73.	6.23	2	17 17 6.850	26 12 37.05		
75.	8. 4	3	6.734	37.47		
77.	6.26	3	6 640	36.35		
78.	7.13	3	6.823	37.37		
8164	8.5	2 4128	+0.0030	− 3.730	+0.347	26°3010
75.	7.12	3	17 17 7.704	26 39 30.68		
78.	7. 8	2	7.809	31.62		
88.	7.19	5	7.602	30.67		
88.	7 26	5	7.580	32.09		
8165	7.8	2.4595	+0.0030	− 3.713	+0.354	25°3252
73.	6.19	3	17 17 19.331	25 0 23.39		Z.C. δ $22''.3$
80.	7. 9	3	19.429	23.03		
80.	8. 9	3	19.340	21.24		
82.	8. 3	3	19.422	21.81		
88.	7.21	7	19.443	22.10		+5′
8166	9.1	2.4129	+0.0030	− 3.675	+0.347	26°3011
74.	7.16	2	17 17 46.194	26 38 36.31		
78.	7. 8	3	46.127	37.07		

8167	$7^{\mathrm{m}}8$		$2^{\mathrm{s}}3740$ +$0^{\mathrm{s}}0030$	− $3''667$ +$0''342$	27°2797
76.	6.27	3	$17^{\mathrm{h}}17^{\mathrm{m}}51^{\mathrm{s}}619$	$27^\circ\,58'\,40''35$	
77.	7. 4	3	51.537	40.42	
78.	7.16	3	51.569	41.41	
87.	7.14	4	51.533	41.04	
8168	9.2		2.4439 +0.0030	− 3.655 +0.352	25°3253
79.	6.27	1	17 17 59.710	25 32 42.57	Z.C. Ep. 80.9
80.	7. 9	3	59.792	45.32	
80.	7.13	3	59.803	45.21	
81.	7.11	3	59.675	44.24	
82.	8. 3	3	60.044	43.58	v. ft.
8169	8.3		2.4347 +0 0030	− 3.650 +0.351	25°3254
73.	6.19	3	17 18 3.165	25 52 17 73	
74.	7.13	3	3.265	17.26	
79.	7.31	1	3 408	18.21	
8170	8.8		2.3295 +0.0029	− 3.645 +0.335	29°2999
74.	8. 6	3	17 18 6.432	29 27 49.00	Z.C. δ $50''1$
77.	6.27	3	6.433	50.94	
77.	6.29	3	6.423	50.43	
8171	9.3		2.4442 +0.0030	− 3.636 +0.352	— —
81.	7.11	1	17 18 13.149	25 31 52.45	Z.C. δ $53''0$
92.	7. 9	5	13.487	53.49	
8172	9.1		2.3761 +0.0029	− 3.631 +0.342	27°2799
73.	6.17	3	17 18 16.629	27 53 53.43	
75.	7.29	3	16.502	51.66	
76.	6.27	2	16.587	52.71	
8173	9.0		2.3768 +0.0029	− 3.624 +0.343	27°2800
73.	6.17	2	17 18 21.641	27 52 18.59	
74.	7.17	3	21.789	18.42	
75.	7.29	2	21.452	17.61	
76.	6.27	1	21.706	18.07	
8174	9.0		2.3683 +0.0029	− 3.617 +0.341	28°2731
73.	7. 4	3	17 18 26.095	28 9 40.50	Z.C. δ $41''0$
74.	7.18	3	26.225	40.71	
77.	7. 7	3	26.287	41.55	
78.	7.18	3	26.157	41.23	
8175	9.0		2.3378 +0.0029	− 3.598 +0.337	29°3001
77.	6.27	3	17 18 39.196	29 10 55.94	
78.	7.19	3	39.227	54.75	
78.	7.20	3	39.315	54.55	
8176	9.4		2.3685 +0.0029	− 3.595 +0.341	28°2732
73.	7. 4	3	17 18 41.715	28 9 1.35	Z.C. δ $1''6$
77.	7. 7	3	41.866	2.24	
90.	7.19	7	41.884	1.22	
8177	9.5		2.4393 +0.0030	− 3.572 +0.351	25°3257
73.	6.19	2	17 18 57 564	25 41 22.67	†
8178	8.9		2.3428 +0.0029	− 3.559 +0.338	29°3002
72.	6.13	3	17 19 7.075	29 0 15.21	
77.	6.29	2	6.934	16.04	
78.	7.19	2	6.919	15.90	
88.	7.26	5	6.948	15.42	

8179	$9^{\mathrm{m}}3$		$2^{\mathrm{s}}3422$ +$0^{\mathrm{s}}0029$	− $3''543$ +$0''338$	29°3004
77.	6.29	1	$17^{\mathrm{h}}19^{\mathrm{m}}17^{\mathrm{s}}096$	$29^\circ\,1'\,12''40$	− 10^{s} §
78.	7.20	3	17.549	11.14	Z.C. δ $11''3$
81.	7.12	3	17.592	11.55	
8180	9.4		2.4386 +0.0029	− 3.519 +0.352	25°3258
78.	7. 3	3	17 19 34.913	25 42 14.07	
84.	7. 7	7	34.846	15.36	
88.	7.19	5	34.752	15.55	
8181	9.4		2.3327 +0.0029	− 3.484 +0.336	29°3005
77.	6.27	3	17 19 59.115	29 19 25.06	
80.	7. 9	3	59.286	24.11	
80.	7.13	3	59.177	25.14	
82.	7.28	3	59.081	24.69	
8182	8.5		2.4119 +0.0029	− 3.466 +0.347	26°3016
73.	6.23	3	17 20 11.557	26 37 59 94	
74.	7.16	3	11.558	60.28	
75	7.12	3	11.589	60.33	
78.	7. 8	3	11.706	61.18	
78.	7.13	3	11.602	60.04	
86.	7.14	7	11.541	60.69	
8183	9.0		2.4489 +0.0029	− 3.460 +0.353	25°3260
74	7.29	2	17 20 15.032	25 19 45.65	Z.C. δ $45''1$
80.	7.15	3	15.105	45.82	
82.	7.26	3	15.170	44.48	
82.	7.29	2	15.394	44.56	
8184	8.4		2.3793 +0.0029	− 3.448 +0.343	27°2805
74.	7.17	3	17 20 24.007	27 45 9.06	Z.C. δ $8''6$
77.	7. 4	3	23.823	7.68	
77.	7.12	3	23.760	8.52	
87.	7.14	5	23.784	8.97	
8185	8.5		2.3641 +0.0029	− 3.446 +0.341	28°2737
74.	7.18	3	17 20 25.185	28 15 57.03	
78.	7.17	3	25.012	58.02	
78.	7 18	3	25 228	56.96	
88.	7.21	5	25.223	58.92	
8186	8.8		2.4044 +0.0029	− 3.442 +0.347	26°3017
75.	8. 4	3	17 20 27.965	26 53 18.18	
81.	7.11	3	27.933	17.66	
81.	7.12	3	28.019	18.17	
82.	8. 8	3	27.989	16.83	
8187	9.2		2.3886 +0.0029	− 3.423 +0.344	27°2807
75.	7.29	2	17 20 41.281	27 25 39.47	
92.	7. 4	2	41.329	38.82	
8188	8.2		2.3559 +0.0029	− 3.420 +0.340	28°2738
73	7. 4	3	17 20 43.664	28 32 5.23	
77.	7. 7	3	43.571	5.71	
82.	7.28	3	43.510	4.75	
82.	8. 2	3	43.566	4.73	
82.	8. 3	3	43.406	4.92	
8189	7.6		2.3889 +0.0029	− 3.416 +0.344	27°2808
75.	7.29	3	17 20 46.221	27 24 58.44	
76.	6.27	2	46.363	59.46	
77.	7.12	2	46.107	60.63	
78.	7.16	3	46.202	58.33	
79.	8. 4	3	46.306	57.62	
88.	7.26	5	46.345	58.49	

8190	$9^{\mathrm{m}}4$	$2^{\mathrm{s}}4513$	$+0^{\mathrm{s}}0029$	$-3''412$	$+0''354$	25°3262
74.	7.13	3	$17^{\mathrm{h}}20^{\mathrm{m}}49^{\mathrm{s}}267$	25° 14′ 11″03		†
8191	6.5	2.4012	+0.0029	− 3.395	+0.346	27°2809
77.	7. 4	2	17 21 0.325	26 59 16.79		v. diffused
80.	7.13	3	0.511	18.13		Z.C. δ 17″5
87.	7.20	7	0.547	17.72		
8192	8.8	2.4547	+0.0029	− 3.392	+0.355	25°3263
73.	6.19	3	17 21 2.849	25 6 49.39		
74.	7.29	3	2.755	48.72		
79	7.31	2	2.977	49.93		
87.	7.19	7	2.868	49.52		
8193	8.8	2.3186	+0.0029	− 3.383	+0.335	29°3011
77.	6.29	3	17 21 9.365	29 45 51.20		
78.	7.19	3	9.486	50.12		
78.	7.20	3	9.613	49.42		
8194	7.2	2.3246	+0.0029	− 3.363	+0.336	29°3012
72.	6.13	3	17 21 23.083	29 33 54.31		d.l.
74.	8. 6	3	23.006	52.92		d.s.p.
77.	6.27	3	23.053	54.30		§ d.l.s.p.
84.	7. 7	5	22.980	54.90		
84.	7.17	4	23.030	54.35		
84.	7.19	4	22.925	55.89		
85.	7. 6	5	22.997	54.38		c.d.s.p.
8195	8.8	2.3472	+0.0029	− 3.348	+0.339	28°2741
74.	7.18	3	17 21 33.505	28 48 44.90		
78.	7.17	3	33.506	46.50		
78.	7.18	3	33.452	45.28		
8196	7.7	2.3907	+0.0029	− 3.344	+0.345	27°2813
75.	7.29	1	17 21 36.808	27 20 19.07		Z.C. δ 18″6
79	8. 7	3	36.731	18.89		ft.
80.	7.15	3	36.648	18.97		
80.	8. 9	3	36.579	17.53		
8197	9.0	2.3434	+0.0029	− 3.329	+0.338	28°2742
74.	7.18	3	17 21 47.140	28 56 1.28		Z.C. α $47^{\mathrm{s}}11$
77.	7. 7	3	47.037	3.54		
80.	7. 9	3	47.175	3.07		
82.	7.29	3	47.095	2.84		
8198	9.0	2.4141	+0.0029	− 3.327	+0.349	26°3018
73	6.23	3	17 21 48.001	26 31 43.23		
74.	7.16	3	47.966	44.40		
75.	7.12	3	48.176	43.25		
76.	7. 3	3	48.207	43.27		− 1 int
78.	7.13	3	48.001	42.39		
88.	7.19	5	48.058	44.07		
8199	9.0	2.4020	+0.0029	− 3.325	+0.347	26°3020
74.	7.16	1	17 21 49.803	26 56 54.97		
75.	8 4	3	49.882	55.90		
82.	7.26	3	49.928	55.63		
8200	9.5	2.4508	+0.0029	− 3.282	+0.354	25°3269
73.	6.19	3	17 22 19.690	25 13 36.04		Z.C. δ 36″3
81.	7.12	3	19.834	36.47		

8201	$9^{\mathrm{m}}5$	$2^{\mathrm{s}}3981$	$+0^{\mathrm{s}}0029$	$-3''278$	$+0''347$	27°2816
74.	7.17	3	$17^{\mathrm{h}}22^{\mathrm{m}}22^{\mathrm{s}}293$	27° 4′ 8″43		
83	7. 4	3	22.254	9.37		
8202	9.3	2.4543	+0.0029	− 3.272	+0.355	— —
74.	7.13	3	17 22 26.187	25 6 9.99		
92.	7.11	3	26.234	8.21		ex. ft. w. $3-1^{\mathrm{s}}$
8203	8.3	2.3505	+0.0029	− 3.272	+0.339	28°2745
73	7. 4	3	17 22 26.320	28 41 10.33		
80.	8. 9	3	26.208	10.66		
82.	8. 2	3	26.267	11.31		
8204	8.7	2.3129	+0.0029	− 3.272	+0.334	29°3016
78.	7.19	3	17 22 26.331	29 55 37.32		
78.	7.20	3	26.258	37.72		
82.	7.28	3	26.243	36.40		
8205	9.1	2.4174	+0.0029	− 3.265	+0.349	26°3021
75.	8. 4	3	17 22 31.315	26 23 58.66		Z.C. δ 58″7
78.	7.13	3	31.548	58.43		
81.	7.11	3	31.327	58.97		
8206	9.1	2.4144	+0.0029	− 3.260	+0.349	26°3022
80	7.15	3	17 22 34.451	26 30 17.92		
92.	7.28	7	34.591	17.78		
8207	7.9	2.4032	+0.0029	− 3.260	+0.347	26°3023
73.	6.23	3	17 22 34.967	26 53 26.72		† Z.C. δ 29″1
80	8.11	3	34.843	28.82		
88.	7.21	5	34.889	31.88		
8208	8.4	2.3967	+0.0029	− 3.259	+0.346	27°2817
73.	7. 5	2	17 22 35.382	27 7 5.56		† clds.
74.	7.17	3	35.571	6.09		
76.	6.27	3	35.356	6.13		
82	7.28	1	35.297	8.40		
8209	9.4	2.3539	+0.0029	− 3.243	+0.340	28°2747
74.	7.18	2	17 22 46.750	28 34 1.73		†
8210	9.2	2.4068	+0.0029	− 3.232	+0.348	26°3025
88.	7.26	7	17 22 53.984	26 45 45.99		
92.	7. 9	7	54.100	46.89		
8211	9.4	2.3116	+0.0029	− 3.220	+0.334	29°3017
77.	6.27	3	17 23 2.610	29 57 38.88		Z.C. δ 38″1
80.	7.13	3	2.661	38.30		
85.	7. 8	5	2.542	37.25		
8212	8.3	2.3773	+0.0029	− 3.215	+0.344	27°2819
74.	8. 8	3	17 23 5.795	27 46 20.59		Z.C. δ 20″8
75.	7.29	2	5.766	21.14		
77.	7. 4	3	5.894	20.67		
8213	9.0	2.3534	+0.0029	− 3.205	+0.340	28°2748
78.	7.17	3	17 23 13.091	28 34 41.50		+ 15′
78.	7.18	3	13.248	42.18		
80.	7. 9	3	13.232	42.41		
81.	7.12	3	13.022	41.91		
82.	7.29	3	13.085	42.46		
82.	8. 3	3	13.170	41.80		

8214	$9^{m}.0$	$2^{s}.3309$	$+0^{s}.0029$	$-\,3''.198$	$+0''.337$	29°3018
72. 6 13	3	$17^{h}23^{m}17^{s}.806$		29° 19′ 12″.44		
74. 8. 6	3	17.745		11.89		
77. 6.29	3	17.607		13.84		
8215	9.4	2.3279	+0 0029	− 3.197	+0.336	29°3019
78. 7.19	3	17 23 18.350		29 25 21.07		
83. 7. 4	3	18.517		20.83		
85. 7. 6	5	18.487		19.66		
8216	9.0	2.3183	+0.0029	− 3.195	+0.335	29°3020
82. 7.26	3	17 23 20.011		29 44 14.51		
82. 8 2	3	19 839		13.42		
84. 7. 7	5	19.988		13.64		
8217	8.9	2.4254	+0.0029	− 3.191	+0.351	26°3026
74. 7.16	3	17 23 22.375		26 6 31.26		
75. 7.12	3	22.545		31.48		
76. 7. 3	3	22.445		30.74		
8218	8.7	2.3577	+0.0029	− 3.176	+0.341	28°2749
77. 7. 7	3	17 23 32.974		28 25 36.74		
82. 6.28	3	33.003		35.54		
82. 8.11	3	32.760		35.84		
85. 7.10	5	32.691		36.35		
8219	8.8	2.3119	+0.0029	− 3.175	+0.334	29°3025
84. 7.21	4	17 23 34.007		29 56 24.79		
85. 7.17	5	33.963		26.14		
8220	9.2	2.3102	+0.0029	− 3.167	+0.334	30°2998
85. 7.23	5	17 23 39.165		29 59 45.25		
86. 7.14	5	39.293		45.68		
8221	9.3	2.3703	+0.0029	− 3.166	+0.343	28°2751
85. 7.14	5	17 23 40.378		28 0 1.49		
85. 7.22	6	40.339		0.15		
8222	9.0	2.3119	+0.0029	− 3.164	+0.334	29°3026
78. 7.20	3	17 23 41.528		29 56 22.51		
84. 7.17	7	41.548		24.68		
84. 7.19	7	41.443		24.40		
84. 7.21	2	41.494		22.45		
85. 7.24	7	41.559		24.43		
87. 7.21	7	41.600		22.37		
8223	8.1	2.4045	+0.0029	− 3.158	+0.348	26°3027
75. 8. 4	3	17 23 45.364		26 49 53.65		
78. 7.13	3	45.269		51.58		
82. 8. 8	3	45.488		51.51		
84. 8.22	5	45.352		50.96		
88. 7.19	7	45.277		51.62		
8224	9.3	2.3700	+0.0029	− 3.152	+0.343	28°2753
87. 7.14	5	17 23 49.722		28 0 29.70		†
8225	8.5	2.4195	+0.0029	− 3.148	+0.350	26°3028
79 8. 4	3	17 23 52.323		26 18 22.46		
85. 7.25	5	52.225		22.13		
86. 7.20	7	52.100		23.36		
8226	9.5	2.3416	+0.0029	− 3.144	+0.338	28°2755
73. 7. 4	3	17 23 55.468		28 57 33.65		†
8227	$9^{m}.1$	$2^{s}.3838$	$+0^{s}.0029$	$-\,3''.129$	$+0''.345$	27°2821
74. 7.17	3	$17^{h}24^{m}\ 5^{s}.264$		27° 31′ 57″.48		
76. 6.27	3	5.238		58.00		− 5′
77. 7 12	3	5.290		58.77		Z.C. α 5ˢ.29
80. 7. 9	3	5.378		57.81		Z.C. δ 58″.0
8228	9.4	2.4220	+0.0029	− 3.129	+0.350	26°3029
73. 6.23	3	17 24 5.439		26 12 52.51		
75. 7.12	3	5.363		51.61		
76. 7. 3	3	5.428		52.26		
8229	8.8	2.3361	+0.0029	− 3.119	+0.338	29°3027
74. 8. 6	3	17 24 12.376		29 8 6.89		
77. 6.27	3	12.278		7.41		
78. 7.19	3	12.260		6.57		
8230	7 9	2.3705	+0.0029	− 3 112	+0.343	27°2822
74. 8. 8	3	17 24 17.804		27 58 52.25		Z.C. δ 52″.3
78. 7 16	3	17.846		51.83		
80. 7.15	3	17.650		52.27		
82. 8. 3	3	17.707		52.26		
88 7.21	7	17.762		53.06		
8231	8.4	2.3427	+0.0029	− 3.108	+0.339	28°2757
73. 7. 4	3	17 24 20.420		28 54 53.56		
78. 7.17	3	20.373		53.84		
78. 7.18	3	20.500		53.48		
8232	9.5	2.4543	+0.0029	− 3.099	+0.355	— —
73. 6.19	2	17 24 26 459		25 4 20.12		†
8233	9.0	2.3249	+0.0029	− 3.099	+0.336	29°3028
81. 7.11	2	17 24 26.549		29 30 3.95		− 5′
82. 7.26	2	26.407		4.99		
87. 7.23	7	26.554		2.54		
8234	8.8	2.4547	+0.0028	− 3.094	+0.355	25°3274
73. 6.19	3	17 24 30.159		25 3 30.95		
79. 7.31	3	30.354		32.42		
8235	8.9	2 4576	+0.0028	− 3.094	+0.356	24°3193
87. 7.11	5	17 24 30.354		24 57 8.39		
87. 7.13	4	30.389		7.95		
87. 7 19	7	30.335		8.07		
8236	9.0	2.3249	+0.0028	− 3.093	+0.336	29°3029
80. 8. 9	3	17 24 30.993		29 30 2.67		Z.C. δ 3″.5
81. 7.11	1	31.160		4.77		− 5′
82. 7.26	2	30.997		5.42		
87. 7.25	7	31.098		0.96		+ 5′ v. ft.
8237	9.2	2.3568	+0.0028	− 3.087	+0.341	28°2759
74. 7.18	1	17 24 34.609		28 26 18.47		Z.C. δ 19″.9
77. 7. 7	3	34.904		21.18		
80. 7.15	2	34.610		20.06		
8238	8.3	2.3813	+0.0028	− 3.083	+0.345	27°2824
82. 7.29	3	17 24 37.854		27 36 46.15		
82. 8. 2	3	38.016		46.17		
8239	9.1	2.3830	+0.0028	− 3.066	+0.345	27°2825
74. 7.17	3	17 24 49.351		27 33 2.51		Z.C. δ 3″.1
75. 7.29	3	49.380		3.40		
77. 7. 4	3	49.461		2.19		
77. 7.12	3	49.504		4.13		

8240	$8^{m}.7$	$2^{s}.4516$	$+0^{s}.0028$	$-\ 3''.064$	$+0''.355$	25°3275
74.	7.13	3	$17^{h}24^{m}50^{s}.491$	25° 9′ $44''.39$		
74.	7.29	3	50.530	44.64		
78.	7.29	3	50.556	43.26		
79.	7.31	1	50.767	44.31		
82.	7.28	3	50.415	44.63		
82.	8 11	3	50.594	44.28		
8241	9.0	2.3327	+0.0028	− 3.050	+0.338	29°3030
72.	6.13	3	17 25 0.322	29 14 4.36		
78.	7.20	3	0.256	3.87		
82.	8. 3	1	0.151	4.00		
86.	7.14	5	0.180	4.67		
8242	9.5	2.4567	+0.0028	− 3.028	+0.356	24°3196
85.	7. 6	5	17 25 15.973	24 58 33.82		
85.	7. 8	5	16.047	31.25		
87.	7.21	3	16.110	29.99		
8243	9.1	2.3622	+0.0028	− 3.023	+0.342	28°2763
78.	7.17	3	17 25 19.548	28 14 43.70		
81.	7.12	3	19.673	44.07		
82.	8. 8	3	19.644	43.70		
8244	7.9	2.3213	+0.0028	− 3.016	+0.336	29°3033
74.	8. 6	3	17 25 24 418	29 36 15.17		Z.C.δ $15''.7$
77.	6..27	3	24.308	16.53		
80.	7.13	3	24.414	16.15		
85.	7.10	5	24.341	15.10		
8245	9.0	2.4258	+0.0028	− 3.014	+0.351	26°3033
74.	7.16	3	17 25 25.640	26 3 42.87		
75.	8. 4	3	25.438	45.85		
78.	7. 8	3	25.681	45.51		
8246	9.1	2.3902	+0.0028	− 2.996	+0.346	27°2826
73.	7. 5	3	17 25 38.143	27 17 31.38		
74.	8. 8	3	38.336	30.97		
75.	7.29	2	38.257	30.57		
76.	6.27	3	38.341	31.37		
78.	7.16	3	38.256	31.02		
8247	5.0	2.4216	+0.0028	− 2.991	+0.350	26°3034
73.	6.23	3	17 25 41.268	26 12 22.47		
75.	7.12	3	41.219	22.16		
76.	7. 3	3	41.256	22.56		
8248	9.1	2.4586	+0.0028	− 2.968	+0.357	24°3200
84.	7.19	3	17 25 57.621	24 53 50.72		ex. ft.
85.	7 22	5	57.446	48.75		
85.	7.23	5	57.524	49.47		
85.	7.24	3	57.390	48.73		+ 1′
8249	9.2	2.4373	+0.0028	− 2.961	+0 353	25°3279
74.	7.13	3	17 26 2.453	25 38 52.22		
90.	7.19	5	2.581	53.26		
8250	9.3	2.4594	+0.0028	− 2.953	+0.357	24°3201
85.	7.14	5	17 26 7.489	24 51 54.91		
85.	7.17	5	7.334	55.24		
87.	7.29	6	7.646	54.30		

8251	$9^{m}.2$	$2^{s}.3163$	$+0^{s}.0028$	$-\ 2''.946$	$+0''.335$	29°3035
78.	7.19	3	$17^{h}26^{m}12^{s}.231$	29° 45′ $14''.05$		
80.	7. 9	3	12.452	13.65		
82.	7.29	3	12.518	13.98		
8252	8.4	2.3622	+0.0028	− 2.941	+0.342	28°2766
78.	7.18	3	17 26 15.861	28 13 55.04		
80	7.15	3	15.821	54.05		
81.	7.11	2	16 013	53.56		− 1 int.
82.	7.28	3	15.783	54.04		
82.	8. 2	3	15.960	53.84		
85.	7.25	5	15.824	54.31		
8253	9.0	2.4232	+0.0028	− 2.939	+0.351	26°3035
73.	6.23	3	17 26 17.871	26 8 32.62		
74.	7.16	3	17.715	32.04		
75.	7.12	2	17.869	32.48		
75.	8. 4	3	17.785	33.65		
8254	9.4	2.4464	+0.0028	− 2.905	+0.355	— —
93.	6.28	4	17 26 41.013	25 19 16.81		† s.p. of 2: [fainter
8255	9.4	2.4461	+0.0028	− 2.903	+0.355	25°3280
73.	6.19	3	17 26 42.589	25 19 44.26		
93.	6.30	5	42.843	40.31		
94.	6.26	5	42.515	43.20		
94.	6 27	6	42.462	43.66		
8256	8.6	2.3223	+0.0028	− 2.896	+0.336	29°3036
72.	6.13	3	17 26 47.077	29 32 55.49		
74.	8. 6	3	47.084	55.72		
77.	6.27	3	47.006	56.30		
78.	7.19	3	47.059	56.44		
8257	9.1	2.4564	+0.0028	− 2.896	+0.356	24°3204
84.	7.17	4	17 26 47.128	24 57 50.17		
87.	7.11	5	47.061	50.06		
8258	9.1	2.3838	+0.0028	− 2·891	+0.345	27°2832
73.	7. 5	3	17 26 50.577	27 29 32.52		
74.	7.17	3	50.528	32.25		
74.	8. 8	3	50.576	32.54		
76.	6.27	3	50.527	33.07		
78.	7.16	3	50.505	33.80		
84.	7.21	4	50.448	32.12		
86.	7.14	4	50.420	34.70		
8259	9.1	2.3848	+0.0028	− 2.886	+0.345	27°2833
74.	7.17	3	17 26 54.379	27 27 26.76		
76.	6.27	2	54.426	26.66		
8260	5.7	2.3540	+0.0028	− 2.885	+0.341	28°2767
73.	7. 4	3	17 26 55.011	28 29 56.55		
74.	7.18	3	55.021	56.80		
75.	8. 2	3	55.158	56.79		
77.	7. 7	3	55.168	58.32		
86.	7.22	6	55.128	58.23		
86.	7.28	1	55.418	57.79		
8261	9.2	2.4372	+0.0028	− 2.875	+0.354	25°3281
79.	7.31	1	17 27 1.865	25 38 20.81		
92.	7.30	5	1.581	19.58		

8262 $9^{m}.3$ $2^{s}.3400$ $+0^{s}.0028$ $-$ $2''.874$ $+0''.339$ 28°2768

80. 7.13	3	$17^{h}27^{m}\,2^{s}.826$	$28°\,57'\,39''.68$	Z.C. δ $39''.4$
82. 8. 3	3	2.856	39.13	

8263 9.4 2.4525 +0.0028 − 2.860 +0.356 25°3282

92. 7.28	2	17 27 12.132	25 5 45.96	v. ft.: bad
93. 6.29	7	11.734	44.92	

8264 7.0 2.4116 +0.0028 − 2.844 +0.349 26°3038

76. 7. 3	3	17 27 23.356	26 31 44.98	Z.C. α $23^{s}.41$
78. 7. 8	3	23.415	45.85	$-5'$
78. 7.13	3	23.448	45.57	

8265 8.2 2.4320 +0.0028 − 2.842 +0.353 25°3283

74. 7.29	3	17 27 24.624	25 49 0.88	
80. 7. 9	3	24.668	2.90	
81. 7.12	3	24.699	2.36	
85. 7. 6	5	24.745	3.77	

8266 8.8 2.4366 +0.0028 − 2.836 +0.353 25°3284

78. 7.29	3	17 27 28.909	25 39 4.01	
82. 7.28	2	28.590	6.38	
82. 7.29	3	28.932	5.98	
84. 7.19	4	28.720	6.61	

8267 8.3 2.3418 +0.0028 − 2.835 +0.339 28°2771

75. 8. 2	2	17 27 29.957	28 53 39.87	
78. 7.18	3	29.826	40.80	
82. 7.26	3	30.038	42.45	
82. 8. 2	3	29.862	42.45	
85. 7.10	5	29.872	41.89	

8268 9.4 2.3522 +0.0028 − 2.813 +0.341 28°2772

86. 7.20	5	17 27 45.017	28 32 39.68	
92. 7. 8	6	45.047	39.15	
92. 7.11	7	45.059	38.32	

8269 9.3 2.3831 +0.0028 − 2.802 +0.345 27°2835

74. 8. 8	3	17 27 52.171	27 30 1.18	
75. 7.29	3	52.181	2.10	$+5'$

8270 9.0 2.4022 +0.0028 − 2.793 +0.349 26°3039

73. 6.23	3	17 27 58 742	26 50 33.85	
74. 7.16	3	58.830	33.88	
75. 7.12	3	58.726	33.57	
75. 8. 4	3	58.901	34.55	

8271 9.2 2.3077 +0.0028 − 2.792 +0.334 30°3015

85. 7.14	5	17 27 59.074	30 0 25.63	
85. 7.22	5	59.088	25.50	

8272 8.4 2.3428 +0.0028 − 2.776 +0.340 28°2776

73. 7. 4	2	17 28 10.307	28 51 6.23	
74. 7.18	3	10.276	5.19	
78. 7.18	3	10.292	6.02	

8273 9.2 2.3445 +0.0028 − 2.768 +0.340 28°2777

73. 7. 4	3	17 28 15.939	28 47 37.78	
80. 7. 9	3	15.737	36.67	
80. 7.13	3	15.727	37.77	
81. 7.12	3	15.703	36.62	
82. 8. 2	3	15.767	37.43	

8274 $9^{m}.5$ $2^{s}.4270$ $+0^{s}.0028$ $-$ $2''.758$ $+0''.352$ 25°3288

80. 7.15	3	$17^{h}28^{m}22^{s}.782$	$25°\,58'\,34''.04$	
85. 7.17	5	22.664	33.93	
85. 7.25	7	22.638	32.73	
93. 6 15	7	22.450	32.37	

8275 9.3 2.4472 +0.0028 − 2.758 +0.355 25°3289

84. 7.17	7	17 28 23.093	25 16 3.12	
92. 7. 7	7	22.886	0 04	

8276 9.1 2.4525 +0.0028 − 2.746 +0.356 25°3290

73. 6.19	3	17 28 31.064	25 4 34.04	
74. 7.13	3	31.044	33.98	
78. 7.29	3	31.421	33.99	
79. 7.31	3	31.269	34.23	
82. 7.28	3	31.037	33.63	

8277 9.2 2.4462 +0.0028 − 2.745 +0.355 25°3293

85. 7.23	5	17 28 31.991	25 17 58.31	
96. 6. 5	7	31.888	58.00	
96. 6.15	7	32.073	58.22	
96. 6.26	7	31 995	57.63	

8278 9.4 2.3122 +0.0028 − 2.742 +0.335 29°3045

77. 6.27	2	17 28 33.738	29 51 3.92	†

8279 9.1 2.3424 +0.0028 − 2.738 +0.340 28°2778

77. 7. 7	3	17 28 36.820	28 51 29.83	
78. 7.17	3	36.733	29.25	
82. 7.29	3	36.666	29.56	
85. 7.24	7	36.628	29.80	

8280 9.1 2.3139 +0.0028 − 2.733 +0.335 29°3047

72. 6.13	3	17 28 40.159	29 47 37.38	
74. 8. 6	3	40.010	39.38	
82. 8. 3	3	40.048	38.76	

8281 9.5 2.3924 +0.0028 − 2.718 +0.347 27°2838

73. 7 5	3	17 28 50.234	27 10 6.08	†

8282 9.5 2.4269 +0.0028 − 2.716 +0.352 25°3295

93. 6.16	7	17 28 52.074	25 58 24.48	
93. 6.24	7	51.749	21.92	

8283 8.2 2.4043 +0.0028 − 2.710 +0.349 26°3043

74. 7.16	3	17 28 55.850	26 45 28.71	
75. 7.12	3	55.775	28.77	
75. 8. 4	3	55.708	29.76	

8284 9.4 2.4209 +0.0028 − 2.701 +0.351 26°3044

73. 6.23	3	17 29 2.455	26 11 7.67	
76. 7. 3	3	2.395	8.30	
78. 7. 8	3	2.522	7.66	

8285 8.2 2.4410 +0.0028 − 2.700 +0.354 25°3296

74. 7.29	3	17 29 2.797	25 28 36.92	
87. 7.11	5	2.793	38.07	

8286 8.2 2.3380 +0.0028 − 2.695 +0.339 29°3049

78. 7 19	3	17 29 5.951	28 59 41.03	
78. 7.20	3	6.398	39.88	$-5'$
78 8. 7	3	6.195	39.76	
82. 7.26	3	6.219	41.54	
84. 8.22	7	6.043	40.50	$-5'$

8287	$8^{m}.0$	$2^{s}.3324$	$+0^{s}.0028$	$-2''.693$	$+0''.338$	29°3050
92.	7.30	7	$17^{h}\,29^{m}\,7^{s}.712$	29° 10′ 56″.91		
93.	6.23	3	7.638	54.69		
8288	9.3	2.4593	+0.0028	− 2.692	+0.357	24°3208
85.	7. 6	5	17 29 8.631	24 49 40.27		
85.	7. 8	3	8.588	39.25		
8289	9.0	2.3910	+0.0028	− 2.669	+0.347	27°2841
73.	7. 5	3	17 29 24.029	27 12 38.70		
74.	7.17	3	24.209	39.23		
74.	8. 8	3	24.203	38.86		
75.	7.29	3	24.118	38.69		−1′
76.	6.27	3	24.120	39.61		
8290	9.4	2.3191	+0.0028	− 2.659	+0.336	29°3053
85.	7.10	5	17 29 31.305	29 36 43.75		
93.	6.30	6	31.701	43.18		
8291	8.1	2.3118	+0.0028	− 2.657	+0.335	29°3054
74.	8. 6	3	17 29 32.425	29 50 52.52		
81.	7.11	3	32.529	53.63		
82.	8. 2	3	32.610	53.64		
8292	9.4	2.3316	+0.0028	− 2.653	+0.338	29°3055
78.	7.19	3	17 29 35.640	29 11 59.88		Z.C. δ 59″.0
78.	7.20	2	35.566	59.01		
80.	7.13	3	35.542	59.65		
80.	7.15	3	35.474	59.56		
86.	7.20	5	35.489	60.04		
92.	7.28	2	35.736	56.07		
8293	7.8	2.3589	+0.0028	− 2.650	+0.342	28°2779
74.	7.18	3	17 29 37.800	28 17 34.00		
75.	8. 2	3	37.948	34.14		
77.	7. 7	3	37.925	34.04		
86.	7.14	7	37.844	35.05		
8294	9.0	2.4123	+0.0028	− 2.648	+0.350	26°3045
73.	6.23	2	17 29 38.815	26 28 20.90		
75.	8. 4	3	38.623	21.23		
76.	7. 3	3	38.682	20.27		
8295	8.8	2.3654	+0.0028	− 2.644	+0.343	28°2780
78.	7.17	3	17 29 41.834	28 4 24.47		
78.	7.18	2	42.039	24.33		
8296	9.2	2.4310	+0.0028	− 2.631	+0.353	— —
74.	7.13	3	17 29 50.638	25 49 8.97		†
8297	9.4	2.3181	+0.0028	− 2.610	+0.336	— —
77.	6.27	3	17 30 5.015	29 38 12.16		† Z.C. δ 12″.2
8298	9.1	2.4420	+0.0028	− 2.607	+0.354	25°3300
74.	7.29	3	17 30 7.015	25 25 46.60		
78.	7.29	3	7.144	44.60		
80.	7. 9	3	7.043	46.34		
82.	7.29	3	7.069	45.09		
8299	9.1	2.4114	+0.0028	− 2.606	+0.350	26°3047
74.	7.16	3	17 30 8.095	26 29 56.51		Z.C. α $8^{s}.05$
85.	7.17	5	8.009	56.64		
85.	7.22	5	8.051	56.55		+5′

8300	$8^{m}.8$	$2^{s}.4329$	$+0^{s}.0028$	$-2''.602$	$+0''.353$	25°3301
74.	7.29	2	$17^{h}\,30^{m}\,10^{s}.725$	25° 44′ 50″.08		
79.	7.31	2	10.706	49.52		
82.	7.26	3	10.578	51.25		+5′
8301	9.4	2.3020	+0.0028	− 2.598	+0.334	30°3024
81.	7.11	3	17 30 13.549	30 9 22.94		
81.	7.12	3	13.565	23.50		
85.	7.23	3	13.660	24.20		ex. ft.
8302	9.3	2.3054	+0.0028	− 2.560	+0.335	30°3027
93.	6.28	4	17 30 39.817	30 2 21.89		
93.	7. 3	4	40.041	23.47		
8303	9.0	2.4242	+0.0027	− 2.530	+0.352	26°3048
73.	6.23	3	17 31 0.843	26 2 28.45		
75.	7.12	3	0.722	27.99		
76.	7. 3	3	0.830	26.61		
8304	9.0	2.3793	+0.0027	− 2.528	+0.346	27°2846
74.	7.17	3	17 31 2.184	27 35 1.99		Z.C. δ 1″.2
76.	6.27	3	1.992	0.63		
77.	7. 4	3	1.972	1.01		
8305	9.5	2.3790	+0.0027	− 2.526	+0.346	— —
76.	6.27	2	17 31 3.492	27 35 39.67		†
8306	9.1	2.4312	+0.0027	− 2.514	+0.353	25°3307
80.	7. 9	3	17 31 11.468	25 47 41.51		
82.	7.26	3	11.334	43.15		
82.	7.28	3	11.271	40.64		
8307	6.3	2.3591	+0.0027	− 2.512	+0.343	28°2787
73.	7. 4	3	17 31 13.017	28 15 49.27		
74.	7.18	3	12.857	49.45		as 1 obs. in Z.C.
74.	7.18	1	13.227	48.50		
75.	8. 2	3	13.094	49.59		
77.	7. 7	3	13.072	50.37		
78.	7.18	3	13.199	49.39		
8308	9.3	2.3263	+0.0027	− 2.512	+0.338	29°3060
85.	7. 8	5	17 31 13.323	29 21 18.45		
85.	7.14	5	13.254	19.19		
87.	7.11	5	13.328	19.79		
8309	7.5	2.4340	+0.0027	− 2.502	+0.353	25°3308
81.	7.12	3	17 31 20.156	25 41 44.43		
84.	7.19	4	20.274	47.58		
84.	8.23	7	20.242	44.01		
92.	7. 8	5	20.236	45.18		
8310	9.0	2.4361	+0.0027	− 2.498	+0.354	— —
74.	7.13	3	17. 31 22.542	25 37 17.25		
92.	7. 4	7	22.296	18.15		
8311	7.0	2.3773	+0.0027	− 2.496	+0.345	27°2849
77.	7.12	3	17 31 23.906	27 38 53.92		
78.	7.16	3	24.265	53.53		
79.	8. 4	3	23.953	52.75		
88.	8.22	2	24.076	50.93		
8312	9.1	2.3913	+0.0027	− 2.495	+0.347	27°2848
73.	7. 5	3	17 31 24.828	27 10 19.27		
74.	7.17	3	24.806	18.25		
74.	8. 8	3	24.876	17.70		

8313	$8\overset{\mathrm{m}}{.}9$	$2\overset{\mathrm{s}}{.}3129$	$+0\overset{\mathrm{s}}{.}0027$	$-2\overset{\prime\prime}{.}488$	$+0\overset{\prime\prime}{.}336$	29°3061
74.	8. 6	3	$17^{\mathrm{h}}31^{\mathrm{m}}29\overset{\mathrm{s}}{.}869$	29° 47′ $13\overset{\prime\prime}{.}68$		
78.	8. 7	3	29.841	13.96		
80.	8. 9	3	29.844	13.30		
80.	8.11	3	29.877	13.04		
8314	9.1	2.3932	+0.0027	− 2.486	+0.348	27°2850
73.	7. 5	3	17 31 31.262	27 6 24.92		w.5−10$^{\mathrm{s}}$
78.	7.16	2	31.092	26.36		
8315	9.2	2.4101	+0.0027	− 2.466	+0.350	26°3050
74.	7.16	3	17 31 44.681	26 31 15.77		
75.	8. 4	3	44.678	15.98		
78.	7.13	2	44.813	15.20		
80.	7.13	2	44.794	14.88		
80.	7.15	3	44.718	16.07		
85.	7.10	5	44.783	15.01		
8316	8.7	2.4077	+0.0027	− 2.464	+0.350	26°3051
74.	7.16	2	17 31 45.879	26 36 14.35		
82.	8. 2	3	45.964	14.61		
8317	9.0	2.3273	+0.0027	− 2.449	+0.338	29°3062
78.	7.19	3	17 31 56.492	29 18 41.69		
78.	7 20	3	56.667	41.58		
82.	7.28	3	56.416	41.50		
8318	9.2	2.4009	+0.0027	− 2.447	+0.349	26°3052
78.	7. 8	3	17 31 57.983	26 50 13.05		
85.	7.17	4	57.982	12.61		
85.	7.22	7	58.025	11.81		-1^{s}
8319	9.0	2.3726	+0.0027	− 2.433	+0.345	27°2852
74.	8. 8	3	17 32 7.777	27 47 52.43		
75.	7.29	3	7.551	52.90		
77.	7.12	3	7.846	54.01		
8320	8.5	2.3073	+0.0027	− 2.430	+0.335	29°3064
74.	8. 6	3	17 32 9.741	29 57 31.19		
77.	6.27	3	9.748	32.09		
78.	8. 7	3	9.770	30.74		
8321	9.2	2.3677	+0.0027	− 2.421	+0.344	27°2853
77.	7. 4	3	17 32 15.748	27 57 52.07		$+1^{\mathrm{s}}$
81.	7.11	3	15.514	54.22		Z.C. δ $53\overset{\prime\prime}{.}2$
82.	8. 3	3	15.422	53.18		
8322	9.4	2.3159	+0.0027	− 2.418	+0.336	29°3065
84.	7.17	4	17 32 18.182	29 40 45.96		
85.	7. 6	5	18.189	45.87		
85.	7.25	7	18.150	45.26		
8323	9.2	2.4422	+0.0027	− 2.416	+0.354	25°3310
74.	7.29	2	17 32 19.028	25 23 36.20		
78.	7.29	2	19.287	36.57		
85.	7.23	5	19.251	38.06		
8324	9.3	2.4422	+0.0027	− 2.399	+0.354	25°3311
78.	7.29	3	17 32 31.174	25 23 35.17		†
8325	9.5	2.4353	+0.0027	− 2.397	+0.353	25°3312
92.	7.11	5	17 32 32.812	25 38 10.70		†
8326	$9\overset{\mathrm{m}}{.}5$	$2\overset{\mathrm{s}}{.}3753$	$+0\overset{\mathrm{s}}{.}0027$	$-2\overset{\prime\prime}{.}373$	$+0\overset{\prime\prime}{.}345$	27°2854
88.	7.26	7	$17^{\mathrm{h}}32^{\mathrm{m}}49\overset{\mathrm{s}}{.}312$	27° 41′ $52\overset{\prime\prime}{.}55$		†
8327	9.3	2.2998	+0.0027	− 2.352	+0.334	30°3035
84.	7.19	4	17 33 3.265	30 11 29.71		
85.	7. 8	3	3.285	28.31		
85.	7.24	7	3.335	29.72		
8328	9.1	2.3311	+0.0027	− 2.328	+0.339	29°3069
78.	7.19	2	17 33 19.893	29 9 59.72		
82.	7.26	3	20.155	60.26		
82.	7.28	3	19.902	58.76		$-1^{\mathrm{s}}+5'$
82.	8. 3	3	20.035	58.29		
8329	8.2	2.4363	+0.0027	− 2.326	+0.354	25°3313
79.	7.31	3	17 33 21.248	25 35 26.64		
80.	7. 9	3	21.177	26.62		
81.	7.11	3	21.212	27.60		
82.	8. 2	3	21.113	26.02		
8330	9.0	2.3762	+0.0027	− 2.317	+0.345	27°2856
73.	7. 5	3	17 33 27.792	27 39 40.69		clds.
74.	7.17	3	27.936	39.70		
76.	6.27	3	27.975	40.95		
8331	8.5	2.4072	+0.0027	− 2.296	+0.350	26°3053
73.	6.23	3	17 33 42.302	26 35 56.15		
74.	7.16	3	42.104	55.53		
84.	7.17	5	42.279	56.54		
84.	8.23	5	42.314	55.23		
88.	7.19	7	42.305	55.64		
8332	9.0	2.4422	+0.0027	− 2.293	+0.354	25°3314
74.	7.29	2	17 33 44.174	25 22 44.17		Z.C. δ $44\overset{\prime\prime}{.}0$
80.	7.15	3	44.222	43.47		
80.	8.11	3	44.402	44.31		
85.	7.14	5	44.241	44.18		
8333	8.9	2.3355	+0.0027	− 2.278	+0.340	29°3074
74.	8. 6	3	17 33 54.311	29 0 50.07		
77.	6.27	3	54.258	51.24		
78.	7.20	3	54.494	49.67		
8334	9.4	2.4293	+0.0027	− 2.269	+0.353	— —
74.	7.13	3	17 34 0.539	25 49 32.18		† v. ft.
8335	9.1	2.3865	+0.0027	− 2.267	+0.347	27°2857
74.	7.17	3	17 34 2.506	27 18 19.57		
74.	8. 8	3	2.463	19.09		
75.	7.29	3	2.274	19.58		
8336	7.5	2.3917	+0.0027	− 2.261	+0.348	27°2858
76.	6.27	3	17 34 6.138	27 7 31.20		
77.	7. 4	3	6.093	28.74		
79.	8. 7	3	6.096	30.32		
80.	8. 9	3	6.219	29.24		
85.	7.10	5	6.133	28.96		
8337	9.2	2.3569	+0.0027	− 2.256	+0.343	28°2796
77.	7. 7	3	17 34 9.584	28 18 9.71		†

8338	$8^{m}.2$		$2^{s}.4003$ $+0^{s}.0027$	$-2''.252$ $+0''.349$	$26^{\circ}3054$
73.	6.23	3	$17^{h}34^{m}12^{s}.186$	$26^{\circ}49'50''.38$	
75.	7.12	3	12.228	50.34	
75.	8. 4	3	12.143	50.78	
76.	7. 3	3	12.234	49.76	
8339	8.5		2.4419 +0.0027	− 2.251 +0.355	$25^{\circ}3315$
74.	7.29	2	17 34 13.033	25 22 57.84	
78.	7.29	3	13.131	57.85	
80.	7. 9	3	13.118	58.51	
82.	8.11	3	12.956	58.53	
92.	7. 9	6	13 204	59.12	− 1 int.
8340	9.3		2.3770 +0.0027	− 2.247 +0.346	$27^{\circ}2859$
73.	7. 5	2	17 34 16.322	27 37 31.03	
92.	7. 7	7	16.324	30.76	
8341	9.4		2.4140 +0.0027	− 2.244 +0.351	$26^{\circ}3055$
74.	7.16	2	17 34 17.810	26 21 27.39	
75.	7.12	1	17.948	26.35	
78.	7. 8	3	17.787	28.50	
8342	9.2		2.3650 +0.0027	− 2.232 +0.344	$28^{\circ}2797$
81.	7.12	2	17 34 26.142	28 1 40.96	Z.C. δ $41''.8$
88.	7.26	4	26.072	42.67	
8343	9.0		2.4411 +0.0027	− 2.228 +0.355	— —
74.	7.13	3	17 34 29.211	25 24 29.13	†
8344	8.7		2.4510 +0.0027	− 2.225 +0.356	$25^{\circ}3316$
79.	7.31	3	17 34 31.248	25 3 34.26	Z.C. δ $34''.3$
80.	8. 9	3	31.159	34.03	
80.	8.11	3	31.171	34.68	
8345	9.3		2.3820 +0.0027	− 2.213 +0.346	$27^{\circ}2860$
74.	8. 8	3	17 34 39.336	27 27 4.22	
78.	7.16	2	39.213	5.11	
85.	7. 6	5	39.266	4.54	
8346	9.0		2.3201 +0.0027	− 2.193 +0.337	$29^{\circ}3076$
74.	8. 6	3	17 34 53.133	29 30 30.63	
78.	7.19	3	53.108	29.71	
82.	7.28	3	53.165	29.99	+ 5′
82.	8.11	2	53.198	28.49	
8347	9.5		2.4305 +0.0027	− 2.193 +0.354	$25^{\circ}3318$
93.	6.15	7	17 34 53.478	25 46 37.25	
93.	6.16	7	53.435	38.64	
8348	8.9		2.3074 +0.0027	− 2.176 +0.335	$29^{\circ}3078$
74.	8. 6	3	17 35 4.892	29 55 12.32	Z.C. δ $12''.1$
80.	7.15	3	4.921	10.98	
82.	7.28	1	4.655	13.10	
8349	8.7		2.4482 +0.0027	− 2.175 +0.356	$25^{\circ}3319$
74.	7.29	2	17 35 5.675	25 9 1.19	
82.	7.29	3	5.829	0.96	
82.	8. 3	2	5.905	1.23	
8350	7.5		2.3261 +0.0027	− 2.165 +0.338	$29^{\circ}3079$
74.	8. 3	3	17 35 12.702	29 18 25.56	d. l.
78.	7.20	3	12.811	25.04	
78.	8. 7	3	12.743	25.39	d. s. p.

8351	$9^{m}.0$		$2^{s}.3571$ $+0^{s}.0027$	$-2''.135$ $+0''.343$	$28^{\circ}2800$
73.	7. 4	3	$17^{h}35^{m}33^{s}.517$	$28^{\circ}16'41''.89$	
74.	7.18	3	33.456	41.49	
75.	8. 2	3	33.351	42.47	
77.	7. 7	3	33.472	43.64	
78.	7.18	3	33.375	42.04	
8352	8.7		2.4404 +0.0026	− 2.135 +0.355	$25^{\circ}3322$
78.	7.29	3	17 35 33.528	25 25 21.68	Z.C. δ $21''.9$
80.	8.11	3	33.526	21.32	
81.	7.11	3	33.511	22.80	
82.	8. 2	3	33.504	21.86	
8353	9.5		2.4264 +0.0027	− 2.127 +0.353	$25^{\circ}3323$
74.	7.13	2	17 35 38.663	25 54 38.18	†
8354	9.4		2.3818 +0.0027	− 2.126 +0.346	$27^{\circ}2863$
75.	7.29	2	17 35 39.269	27 26 48.31	Z.C. δ $48''.0$
80.	7. 9	3	39.394	47.56	
82.	7.26	3	39.555	49.39	
85.	7.14	5	39.571	46.86	
8355	9.4		2.3576 +0.0027	− 2.121 +0.343	$28^{\circ}2801$
73.	7. 4	3	17 35 43.058	28 15 33.06	
75.	8. 2	2	43.040	33.66	
8356	9.5		2.4166 +0.0027	− 2.115 +0.352	$26^{\circ}3058$
75.	7.12	2	17 35 46.765	26 15 4.16	†
8357	9.0		2.4235 +0.0027	− 2.097 +0.353	$26^{\circ}3060$
73.	6.23	3	17 35 59.219	26 0 31.85	
74.	7.16	3	59.076	31.03	
75.	8. 4	3	59.222	32.55	
76.	7. 3	3	59.148	31.46	
8358	8.2		2.3129 +0.0027	− 2.093 +0.336	$29^{\circ}3082$
74.	8. 3	3	17 36 2.276	29 43 47.28	Z.C. δ $48''.5$
74.	8. 6	2	2.093	49.25	
78.	7.19	3	2.210	48.86	− 1 int.
8359	9.0		2.4462 +0.0026	− 2.087 +0.356	$25^{\circ}3324$
74.	7.29	3	17 36 6.142	25 12 39.37	
79.	7.31	3	6.316	39.90	
82.	7.29	3	6.108	39.00	
8360	9.4		2.4012 +0.0027	− 2.074 +0.349	$26^{\circ}3061$
80.	7.15	3	17 36 15.592	26 46 34.13	
82.	8. 2	2	15.078	33.27	
8361	9.2		2.3294 +0.0027	− 2.068 +0.339	$29^{\circ}3084$
81.	7.11	3	17 36 19.212	29 11 24.39	Z.C. δ $24''.7$
81.	7.12	3	19.319	23.77	
84.	7.17	3	19.479	25.73	
85.	7. 6	5	19.372	24.81	
8362	9.2		2.3268 +0.0027	− 2.067 +0.339	$29^{\circ}3083$
85.	7.25	5	17 36 19.860	29 16 29.33	
93.	6.24	5	19.723	29.04	
8363	9.1		2.4169 +0.0027	− 2.061 +0.352	$26^{\circ}3062$
76.	7. 3	3	17 36 24.485	26 14 0.73	Z.C. δ $0''.5$
80.	8. 9	3	24.409	0.56	
82.	8. 8	3	24.521	0.32	

8364	$9^m.0$	$2^s.3719$	$+0^s.0026$	$-2''.049$	$+0''.345$	27°2866
73.	7. 5	3	$17^h 36^m 32^s.759$	$27^\circ 46'$ $12''.28$		clds : v.ft.
74.	7.17	3	32.545	13.23		
78.	7.16	3	32.573	12.83		
8365	9.0	2.3929	+0.0026	− 2.040	+0.348	27°2867
93.	6.28	7	17 36 38.557	27 3 31.56		
93.	6.29	7	38.204	32.33		
8366	8.8	2.3671	+0.0026	− 2.037	+0.344	27°2868
79.	8. 7	3	17 36 40.698	27 55 51.70		v. ft.
79.	8.11	2	40.555	52.70		
80.	8.12	3	40.424	51.52		
8367	8.0	2.3568	+0.0026	− 2.037	+0.343	28°2803
72.	7.15	1	17 36 40.772	28 16 37.26		
73.	7. 4	2	41.155	36.54		
74.	7.18	3	40.924	36.23		
77.	7. 7	3	41.022	36.85		
78.	7.18	3	41.044	35.09		
8368	9.2	2.4090	+0.0026	− 2.034	+0.350	26°3063
78.	7. 8	3	17 36 42.910	26 30 11.46		
82.	7.26	2	42.950	12.08		
85.	7.10	5	42.975	10.40		
8369	9.2	2.3246	+0.0026	− 2.032	+0.338	29°3085
78.	7.20	3	17 36 44.063	29 20 31.13		v. ft.
82.	7.29	3	43.934	31.58		
85.	7.24	7	44.043	31.97		
8370	9.4	2.3933	+0.0026	− 2.030	+0.348	27°2869
82.	7.28	3	17 36 45.262	27 2 41.76		
82.	8. 3	3	45.650	41.26		
85.	7.22	7	45.558	40.25		
85.	7.23	7	45.594	41.76		
8371	9.2	2.3222	+0.0026	− 2.028	+0.338	29°3086
78.	7.19	3	17 36 46.866	29 25 0.32		Z.C. δ $0''.4$
85.	7.17	5	46.856	0.09		
86.	7.20	7	46.797	0.82		
8372	8.1	2.3147	+0.0027	− 2.027	+0.337	29°3087
77.	6.27	3	17 36 47.923	29 39 46.64		Z.C. δ $46''.5$
78.	8. 7	3	47.777	46.51		
87.	7.20	6	47.990	46.34		ft.
8373	8.3	2.4382	+0.0026	− 2.003	+0.355	25°3327
79.	7.31	3	17 37 3.979	25 29 14.07		
80.	7. 9	3	3.924	13.49		
84.	8.22	7	3.928	13.40		
87.	7.11	5	3.929	12.83		
87.	7.13	5	3.953	13.14		
8374	7.0	2.3737	+0.0026	− 2.002	+0.345	27°2870
74.	7.17	2	17 37 4.616	27 42 20.46		
74.	8. 8	3	4.710	18.41		
75.	7.29	3	4.487	20.46		
76.	6.27	3	4.688	21.18		
8375	9.3	2.3719	+0.0026	− 1.980	+0.345	27°2871
76.	6.27	1	17 37 19.860	27 45 50.46		Z.C. δ $50''.6$
81.	7.11	2	19.877	50.67		
8376	$9^m.0$	$2^s.4221$	$+0^s.0026$	$-1''.975$	$+0''.353$	26°3065
74.	7.16	3	$17^h 37^m 23^s.262$	26° $2'$ $40''.40$		
75.	8. 4	3	23.199	40.80		
8377	7.8	2.4273	+0.0026	− 1.972	+0.354	25°3328
80.	8. 9	3	17 37 25.427	25 51 38.98		
80.	8.11	3	25.492	39.62		
88.	7.19	7	25.456	40.42		
8378	9.3	2.3709	+0.0026	− 1.972	+0.345	27°2872
80.	7.15	3	17 37 25.522	27 47 46.04		† Z.C. δ $46''.0$
8379	9.2	2.3192	+0.0026	− 1.969	+0.337	29°3089
82.	8. 8	3	17 37 27.715	29 30 29.12		
86.	7.14	7	27.848	29.79		
88.	7.21	5	27.869	29.23		
8380	7.9	2.4056	+0.0026	− 1.955	+0.350	26°3066
75.	8. 4	2	17 37 37.379	26 36 42.44		Z.C. δ $42''.5$
75.	8.12	3	37.194	43.17		
80.	8.12	2	37.207	41.95		
88.	7.26	7	37.319	42.59		
8381	9.3	2.4375	+0.0026	− 1.949	+0.355	25°3330
74.	7.29	3	17 37 41.129	25 30 10.55		
80.	7. 9	3	41.195	10.80		
85.	7.14	6	41.202	11.06		
87.	7.19	7	41.147	10.27		
8382	9.2	2.3749	+0.0026	− 1.946	+0.345	27°2873
78.	7.16	2	17 37 43.222	27 39 38.64		
84.	7.17	4	43.448	39.74		
87.	7.14	7	43.308	37.41		
87.	7.21	7	43.293	38.79		
8383	6.5	2.3200	+0.0026	− 1.941	+0.338	29°3091
78.	7.20	2	17 37 46.756	29 28 44.31		
83.	8.13	7	46.818	43.39		
84.	7.19	7	46.629	45.80		
8384	9.2	2.4082	+0.0026	− 1.933	+0.350	26°3068
76.	7. 3	2	17 37 52.513	26 31 13.26		
87.	7.23	5	52.532	13.36		
87.	7.29	7	52.668	13.09		
8385	9.2	2.3994	+0.0026	− 1.932	+0.349	26°3067
73.	6.23	3	17 37 53.284	26 49 20.36		Z.C. Ep. 77.2
75.	7.12	3	53.373	19.33		
82.	7.28	2	53.288	19.45		
8386	9.3	2.3957	+0.0026	− 1.919	+0.348	26°3069
82.	8. 3	2	17 38 1.955	26 56 57.74		
90.	7.19	7	2.270	56.37		
8387	8.2	2.4561	+0.0026	− 1.916	+0.358	24°3235
93.	6.23	1	17 38 3.897	24 50 45.27		
93.	6.30	7	3.886	44.44		
8388	9.1	2.3258	+0.0026	− 1.913	+0.339	29°3094
80.	7.15	1	17 38 6.030	29 17 16.79		+ 1 int.
82.	8.11	3	5.796	15.95		Z.C. δ $16''.1$
91.	7.10	7	5.980	15.62		

8389	9^{m}.2		2^{s}.3715 +0^{s}.0026	− 1″.910 +0″.345	27°2875
74.	7.17	3	17^{h}38^{m} 8^{s}.142	27° 46′ 8″.60	
74.	8. 8	3	8.185	7.96	
82.	7.26	3	8.067	9.91	
8390	7.8		2.3128 +0.0026	− 1.905 +0.336	29°3095
74.	8. 3	3	17 38 11.929	29 42 43.10	Z.C. δ 43″.8
77.	6.27	3	11.867	44.44	
85.	7.25	5	11.849	43.79	
8391	9.4		2.3276 +0.0026	− 1.895 +0.339	29°3097
74.	8. 6	3	17 38 18.809	29 13 36.80	
81.	7.12	3	18.927	36.18	
8392	8.0		2.3917 +0.0026	− 1.881 +0.348	27°2877
73.	7. 5	3	17 38 28.060	27 4 51.38	
79.	8. 7	3	28.196	51.60	
79.	8.11	3	28.201	50.31	
85.	7.10	5	28.138	50.06	
8393	9.0		2.3428 +0.0026	− 1.860 +0.341	28°2811
72.	7.15	3	17 38 42.964	28 43 25.98	
74.	7.18	3	43.026	24.84	
78.	7.17	3	42.781	25.37	
78.	7.18	3	42.806	25.07	
8394	9.0		2.3261 +0.0026	− 1.847 +0.339	29°3099
77.	6.27	3	17 38 51.708	29 16 12.40	
80.	7.15	2	51.607	11.87	
82.	7.29	3	51.641	11.77	
84.	7.17	4	51.677	13.42	
85.	7.17	5	51.605	12.03	
8395	9.0		2.3347 +0.0026	− 1.815 +0.340	28°2814
73.	7. 4	3	17 39 13.714	28 59 1.92	
82.	8. 8	3	13.609	1.17	
85.	7.23	5	13.696	2.74	§ s.p. of 2
8396	9.2		2.3756 +0.0026	− 1.806 +0.346	27°2878
77.	7.12	3	17 39 19.888	27 37 9.16	Z.C. δ 8″.8
85.	7.14	5	19.971	8.44	
8397	9.4		2.3768 +0.0026	− 1.803 +0.346	27°2879
93.	6.15	6	17 39 21.947	27 34 37.20	v. ft.
93.	7. 3	7	22.543	37.15	w. 7 + 10^{s}
8398	9.3		2.4087 +0.0026	− 1.800 +0.351	— —
78.	7. 8	3	17 39 23.676	26 29 24.67	
92.	7. 8	6	23.859	24.16	
8399	8.7		2.4496 +0.0026	− 1.780 +0.357	25°3333
79.	7.31	3	17 39 38.018	25 3 34.68	
81.	7.11	3	37.927	35.79	
82.	8. 2	3	37.934	36.13	
85.	7.22	5	37.970	33.98	− 1′
8400	9.0		2.3152 +0.0026	− 1.764 +0.337	29°3102
82.	7.26	3	17 39 48.648	29 36 57.42	
85.	7.24	5	48.549	56.74	
87.	7.11	5	48.503	56.07	
8401	9.4		2.4171 +0.0026	− 1.764 +0.352	26°3073
82.	8. 3	3	17 39 48.828	26 11 33.81	
88.	7.21	5	48.822	33.82	

8402	8^{m}.8		2^{s}.3788 +0^{s}.0026	− 1″.758 +0″.346	27°2881
77.	7.12	3	17^{h}39^{m}53^{s}.099	27° 30′ 10″.13	
79.	8.11	3	53.285	8.81	
80.	7. 9	3	53.313	9.49	
82.	7.28	3	53.167	9.37	
8403	8.7		2.3623 +0.0026	− 1.744 +0.344	28°2816
78.	7.17	3	17 40 2.675	28 3 36.46	
92.	7. 4	7	2.718	37.07	
8404	9.4		2.3823 +0.0026	− 1.733 +0.347	27°2882
93.	7.10	7	17 40 9.913	27 23 9.02	
93.	8. 2	3	10.588	5.76	
8405	9.0		2.4459 +0.0026	− 1.731 +0.356	25°3335
82.	7.29	3	17 40 11.880	25 11 6.07	
86.	7.20	5	11.838	7.76	
8406	9.1		2.4551 +0.0026	− 1.727 +0.358	24°3248
82.	8. 8	2	17 40 14.494	24 51 27.20	
85.	7.25	5	14.727	28.43	
8407	9.0		2.3913 +0.0026	− 1.722 +0.349	27°2883
81.	7.12	3	17 40 17.536	27 4 38.68	Z.C. δ 38″.3
88.	7.26	5	17.728	37.93	
8408	8.9		2.3676 +0.0026	− 1.716 +0.345	27°2884
79.	8. 7	3	17 40 22.142	27 52 34.75	
84.	7.17	4	22.276	35.20	− 1′
87.	7.21	5	22.157	33.21	
8409	8.9		2.3452 +0.0026	− 1.703 +0.342	28°2820
93.	7. 7	7	17 40 30.469	28 37 25.49	
93.	7.20	7	30.685	25.41	
8410	9.4		2.3066 +0.0026	− 1.691 +0.336	29°3104
93.	7.17	3	17 40 38.800	29 53 17.31	
93.	7.22	3	38.999	14.96	
93.	7.24	6	38.995	15.90	
8411	9.5		2.3071 +0.0026	− 1.679 +0.336	— —
93.	7.26	2	17 40 47.235	29 52 12.87	v. ft.
93.	7.27	3	47.480	14.23	
8412	8.3		2.3552 +0.0026	− 1.678 +0.343	28°2822
80.	7.15	3	17 40 48.258	28 17 25.70	
82.	8. 9	3	48.461	23.86	
8413	8.8		2.3455 +0.0026	− 1.670 +0.342	28°2823
82.	7.29	3	17 40 53.858	28 36 39.59	
82.	8. 3	1	53.818	39.29	
82.	8. 8	2	53.941	39.40	
84.	8.23	5	53.859	39.32	
8414	8.5		2.3564 +0.0026	− 1.653 +0.343	28°2824
85.	7.17	5	17 41 4.979	28 14 45.63	
90.	7.19	7	5.111	45.87	
8415	8.9		2.4365 +0.0026	− 1.638 +0.355	25°3340
80.	7. 9	3	17 41 15.727	25 30 18.91	+ 5′
81.	7.12	3	15.539	18.80	

8416 9$^{\mathrm{m}}$0 2$^{\mathrm{s}}$3846 +0$^{\mathrm{s}}$0026 − 1″614 +0″348 27°2887
80. 7.15 3 17$^{\mathrm{h}}$41$^{\mathrm{m}}$31$^{\mathrm{s}}$952 27° 17′ 39″21
81. 7.11 3 31.839 37.96

8417 8.9 2.3569 +0.0026 − 1.614 +0.343 28°2827
82. 7.26 3 17 41 32.024 28 13 43.64
82. 8. 2 3 32.003 41.71

8418 9.0 2.4173 +0.0025 − 1.613 +0.352 26°3075
78. 7. 8 3 17 41 32.465 26 10 30.32
91. 7.10 7 32.513 29.65
93. 6.28 7 32.385 28.93

8419 Fundamental Star 27°2888

8420 8.9 2.4536 +0.0025 − 1.608 +0.357 24°3252
87. 7.14 5 17 41 36.153 24 54 13.79
92. 7. 7 7 36.260 12.94

8421 9.0 2.4432 +0.0025 − 1.607 +0.356 25°3342
84. 7.19 4 17 41 36.881 25 16 12.50
92. 7. 9 6 36.901 11.85

8422 7.0 2.4281 +0.0025 − 1.607 +0.354 25°3344
87. 7.11 5 17 41 37.206 25 47 55.52
87. 7.19 5 37.226 55.28

8423 8.9 2.4163 +0.0025 − 1.606 +0.352 26°3076
78. 7. 8 2 17 41 37.558 26 12 24.84
82. 7.28 3 37.535 25.06
93. 6.23 6 37.848 22.62

8424 8.7 2.3627 +0.0026 − 1.592 +0.344 28°2829
72. 7.15 3 17 41 47.089 28 1 51.00
78. 7.17 3 46.699 50.76 f. of 2
82. 7.29 3 46.879 51.27

8425 8.0 2.3594 +0.0026 − 1.576 +0.343 28°2830
85. 7.24 5 17 41 58.480 28 8 29.78
87. 7.29 5 58.370 28.55

8426 8.2 2.3196 +0.0026 − 1.568 +0.338 29°3108
77. 6.27 3 17 42 3.682 29 27 19.92 Z.C.δ19″4
82. 8. 9 3 3.515 18.81

8427 9.0 2.3139 +0.0026 − 1.567 +0.337 29°3109
82. 8. 2 2 17 42 4.055 29 38 13.85
92. 7.23 7 4.254 14.38

8428 9.1 2.4348 +0.0025 − 1.564 +0.355 25°3345
86. 7.20 5 17 42 6.646 25 33 36.16
88. 7.21 5 6.658 34.67

8429 9.5 2.4425 +0.0025 − 1.543 +0.356 25°3346
94. 6.26 7 17 42 20.562 25 17 16.42
94. 6.27 7 20.481 12.61

8430 9.0 2.3213 +0.0026 − 1.543 +0.338 29°3111
81. 7.11 3 17 42 20.879 29 23 46.88 −15′
81. 7.12 3 20.746 48.26 Z.C.δ47″9
85. 7.25 5 20.862 48.69

8431 7$^{\mathrm{m}}$5 2$^{\mathrm{s}}$3347 +0$^{\mathrm{s}}$0026 − 1″542 +0″340 28°2831
87. 7.21 5 17$^{\mathrm{h}}$42$^{\mathrm{m}}$21$^{\mathrm{s}}$672 28° 57′ 21″97
92. 7. 4 3 21.858 23.41

8432 9.5 2.3877 +0.0025 − 1.527 +0.348 27°2890
93. 6.15 4 17 42 31.835 27 10 45.39 Z.C.α31$^{\mathrm{s}}$95
93. 7. 5 6 32.068 44.40

8433 9.5 2.3210 +0.0025 − 1.526 +0.338 29°3113
77. 6.27 2 17 42 32.348 29 24 9.70 † Z.C.δ9″7

8434 8.7 2.4535 +0.0025 − 1.517 +0.357 24°3255
88. 7.26 5 17 42 38.704 24 53 45.82
92. 7.21 7 38.754 43.00

8435 9.1 2.3680 +0.0025 − 8.509 +0.345 27°2891
82. 8. 3 3 17 42 44.262 27 50 46.88
93. 6.30 7 44.360 42.98

8436 8.9 2.4371 +0.0025 − 1.504 +0.355 25°3348
79. 7.31 2 17 42 48.185 25 28 26.57
85. 7.17 5 47.897 26.23

8437 9.1 2.3505 +0.0025 − 1.500 +0.342 28°2834
78. 7.17 3 17 42 50.548 28 25 37.37
84. 7.19 2 50.410 40.83

8438 9.0 2.3928 +0.0025 − 1.498 +0.349 26°3081
74. 7.16 2 17 42 51.872 27 0 11.10
93. 7. 3 7 51.958 14.76

8439 8.2 2.3392 +0.0025 − 1.496 +0.341 28°2835
78. 7.18 3 17 42 53.410 28 48 9.96
82. 7.28 3 53.422 10.46
84. 8.23 7 53.440 9.41

8440 8.7 2.3218 +0.0025 − 1.496 +0.338 29°3116
78. 8. 7 1 17 42 53.468 29 22 27.96
92. 7.11 7 53.659 27.58

8441 9.5 2.3439 +0.0025 − 1.490 +0.341 28°2838
72. 7.15 3 17 42 57.475 28 38 51.10 Z.C.δ51″0
80. 7. 9 3 57.473 50.92

8442 8.5 2.3427 +0.0025 − 1.490 +0.341 28°2837
74. 7.18 2 17 42 57.577 28 41 6.20 Z.C.δ7″9
80. 7. 9 3 57.588 8.64
82. 7.26 3 57.550 8.96

8443 9.3 2.3493 +0.0025 − 1.483 +0.342 28°2839
93. 7.17 1 17 43 1.994 28 27 57.19
93. 7.26 1 1.787 58.68
93. 7.27 5 2.040 57.60

8444 9.1 2.4168 +0.0025 − 1.478 +0.352 26°3082
84. 7.17 7 17 43 5.601 26 10 46.89 †

8445 9.1 2.4378 +0.0025 − 1.472 +0.355 25°3350
87. 7.11 7 17 43 9.607 25 26 48.55
93. 7.10 4 9.666 49.27

8446	$9^{\mathrm{m}}.0$		$2^{\mathrm{s}}.3236$ +$0^{\mathrm{s}}.0025$	− 1″.468 +0″.339	29°3117
87.	7.14	5	$17^{\mathrm{h}}43^{\mathrm{m}}12^{\mathrm{s}}.326$	29° 18′ 50″.55	
93.	7. 7	2	12.179	52.46	
8447	8.5		2.3895 +0.0025	− 1.453 +0.348	27°2892
74.	7.17	3	17 43 22.600	27 6 40.59	
75.	7.29	3	22.539	41.85	
75.	8.16	1	22.478	40.32	
79.	8.11	3	22.610	40.71	
8448	9.5		2.4392 +0.0025	− 1.447 +0.355	25°3352
87.	7.19	5	17 43 27.159	25 23 41.51	†
8449	9.3		2.4482 +0.0025	− 1.443 +0.357	25°3351
93.	7.22	7	17 43 29.434	25 4 40.67	
93.	7.24	5	29.430	41.69	
8450	8.9		2.3266 +0.0025	− 1.423 +0.339	29°3120
73.	8. 7	3	17 43 43.285	29 12 42.76	
78.	7.19	3	43.326	43.98	
8451	5.7		2.4313 +0.0025	− 1.421 +0.354	25°3353
74.	7.29	3	17 43 44.865	25 39 57.38	
79.	7.31	1	45.449	57.43	
85.	7.24	5	45.039	57.00	
8452	9.0		2.3260 +0.0025	− 1.410 +0.339	29°3121
74.	8. 3	3	17 43 52.424	29 13 47.07	
78.	7.19	2	52.378	47.82	
80.	8. 9	3	52.337	45.88	
82.	8. 3	3	52.394	47.41	
82.	8. 9	3	52.396	45.93	
82.	8.11	3	52.338	46.16	
8453	9.2		2.4537 +0.0025	− 1.408 +0.358	24°3259
82.	7.29	3	17 43 53.933	24 52 48.78	
86.	7.20	5	53.877	50.71	
8454	8.9		2.3273 +0.0025	− 1.391 +0.339	29°3122
74.	8. 3	1	17 44 5.594	29 11 4.07	
74.	8. 6	3	5.699	4.13	
8455	9.3		2.4528 +0.0025	− 1.389 +0.357	24°3262
87.	7.21	5	17 44 7.242	24 54 41.42	
88.	7.19	7	7.233	42.57	+1′: A−15″
8456	9.4		2.4551 +0.0025	− 1.388 +0.358	24°3261
87.	7.29	5	17 44 8.110	24 50 2.36	
88.	7.21	5	7.739	2.88	
8457	9.2		2.4282 +0.0025	− 1.362 +0.354	25°3355
80.	7.15	3	17 44 25.757	25 46 30.00	
81.	7.12	3	25.556	31.25	
82.	8. 8	3	25.779	30.45	
8458	8.6		2.4151 +0.0025	− 1.321 +0.352	26°3087
75.	7.12	1	17 44 53.884	26 13 29.46	
81.	7.11	3	53.713	28.91	
85.	7.17	5	53.666	29.17	
8459	9.0		2.3482 +0.0025	− 1.302 +0.342	28°2844
85.	7. 6	5	17 45 6.715	28 29 23.89	
85.	7.14	5	6.737	24.58	
85.	7.22	5	6.679	23.31	

8460	$7^{\mathrm{m}}.0$		$2^{\mathrm{s}}.4408$ +$0^{\mathrm{s}}.0025$	− 1″.298 +0″.356	25°3357
74.	7.29	3	$17^{\mathrm{h}}45^{\mathrm{m}}$ $9^{\mathrm{s}}.601$	25° 19′ 41″.52	
74.	8.20	3	9.681	40.60	d.n.p.− 1^{s}
80.	7. 9	3	9.710	40.65	d.n.p.
8461	8.9		2.4468 +0.0025	− 1.286 +0.357	25°3358
74.	7.13	3	17 45 17.461	25 7 3.25	
80.	8.11	3	17.602	2.38	
82.	7.26	3	17.502	5.17	− 1 int.
82.	8. 2	3	17.335	3.92	
8462	9.3		2.4186 +0.0025	− 1.285 +0.353	26°3089
81.	7.11	1	17 45 18.450	26 6 5.27	Z.C. δ 6″.0
82.	7.28	3	18.302	5.97	
82.	8. 3	3	18.549	6.70	
8463	9.0		2.3267 +0.0025	− 1.284 +0.339	29°3123
74.	8. 3	2	17 45 18.851	29 11 51.61	
74.	8. 6	3	18.796	51.44	
77.	6.27	3	18.968	51.81	
8464	8.3		2.3547 +0.0025	− 1.280 +0.343	28°2845
72.	7.15	3	17 45 21 894	28 16 14.05	
73.	7. 4	3	21.813	13.99	
74.	7.18	3	21.805	13.52	
75.	8. 2	3	21.774	13.71	
78.	7.17	3	21.628	14.43	
78.	7.18	3	21.751	14.11	
8465	9.5		2.3045 +0.0025	− 1.279 +0.336	29°3124
78.	7.19	1	17 45 22.234	29 55 3.15	
85.	7.10	5	22.542	1.10	
85.	7.23	5	22.645	2.71	
8466	6.0		2.3218 +0.0025	− 1.265 +0.339	29°3126
74.	8.19	3	17 45 32.050	29 21 24.96	
78.	7.20	3	32.231	24.85	
78.	8. 7	3	32.188	25.09	
78.	9.11	3	32.180	24.75	
8467	8.4		2.3639 +0.0025	− 1.261 +0.344	27°2897
73.	7. 5	3	17 45 34.841	27 57 52.66	clds.
74.	7.17	3	34.780	52.48	
75.	7.29	3	34.865	52.07	
76.	6.27	3	34.750	52.05	
8468	9.0		2.4069 +0.0025	− 1.247 +0.351	26°3091
80.	8.12	3	17 45 44.507	26 30 5.01	
81.	7.12	3	44.455	4.81	
82.	8. 8	3	44.430	4.95	
82.	8. 9	3	44.501	3.80	
8469	9.3		2.3044 +0.0025	− 1.239 +0.336	29°3127
73.	8. 7	3	17 45 50.105	29 54 59.59	Z.C. δ 1″.2
77.	6.27	2	50.215	62.01	
85.	7.24	5	50.044	62.24	
85.	7.25	7	50.052	60.78	
8470	9.4		2.3991 +0.0025	− 1.229 +0.350	26°3092
87.	7.13	7	17 45 56.694	26 46 10.92	†
8471	9.5		2.3583 +0.0025	− 1.220 +0.343	28°2847
93.	6.15	6	17 46 2.866	28 8 43.81	
93.	6.28	7	2.725	44.37	

8472	$9^{m}.0$	$2^{s}.3689$	$+0^{s}.0025$	$-$ $1''.219$	$+0''.345$	27°2898
74.	8. 8	3	$17^{h}46^{m}$ $3^{s}.565$	27° 47′ $29''.12$		
75.	7.29	2	3.464	29.58		
75.	8.16	3	3.682	27.90		
76.	6.27	3	3.705	29.28		
8473	9.3	2.3053	+0.0025	− 1.216	+0.336	— —
88.	7.23	5	17 46 5.500	29 53 16.57		†
8474	8.3	2.2977	+0.0025	− 1.215	+0.335	30°3068
92.	7. 4	6	17 46 6.364	30 7 52.74		
93.	6.23	7	6.266	50.29		
93.	6.30	7	6.163	50.49		
93.	7. 3	7	6.250	52.85		
8475	9.0	2.4136	+0.0025	− 1.213	+0.352	26°3096
74.	7.16	2	17 46 7.959	26 16 18.88		Z.C. α $7^{s}.95$
75.	7 12	2	7.952	19.70		
80.	7. 9	3	7.951	18.47		
80.	7.15	3	7.811	19.30		
82.	7.29	3	7.826	19.16		
84.	7.17	4	8.003	20.72		
84.	8.23	5	7.812	19.09		
87.	7.23	7	8.134	18.35		
87.	7.29	5	8.126	19.27		
8476	8.7	2.3856	+0.0025	− 1.212	+0.348	27°2900
77.	7.12	3	17 46 8.667	27 13 37.72		Z.C. δ $37''.5$
78.	7.16	3	8.610	37.48		
78.	8.29	3	8.788	37.76		
88.	7.21	5	8.800	37.12		
8477	7.2	2.3009	+0.0025	− 1.210	+0.336	30°3069
74.	8. 3	1	17 46 9.793	30 1 48.27		
74.	8.19	3	9.471	48.75		
78.	8.28	3	9.584	50.16		
8478	8.1	2.3892	+0.0025	− 1.209	+0.348	27°2901
74.	7.17	3	17 46 10.235	27 6 9.35		
79.	8. 7	3	10.198	9.57		
8479	9.2	2.3067	+0.0025	− 1.209	+0.337	29°3129
86.	7.20	5	17 46 10.340	29 50 29.81		
87.	7.21	5	10.621	28.22		
88.	7.26	5	10.465	28.39		
8480	8.2	2.2934	+0.0025	− 1.200	+0.335	30°3071
74.	8. 6	3	17 46 16.879	30 16 7.96		+5′
92.	7.30	7	17.132	9.23		
8481	9.0	2.3522	+0.0025	− 1.196	+0.343	28°2849
74.	7.18	3	17 46 19.510	28 20 53.21		
75.	8. 2	3	19.341	55.50		
78.	7.18	3	19.460	54.12		
84.	8.22	7	19.491	54.48		
8482	8.9	2.4462	+0.0024	− 1.174	+0.356	25°3360
84.	7.19	5	17 46 34.263	25 7 47.04		
91.	7.10	7	34.144	45.19		
92.	7. 7	7	34.112	45.08		
8483	$8^{m}.5$	$2^{s}.3544$	$+0^{s}.0025$	$-$ $1''.150$	$+0''.343$	28°2852
73.	7. 4	3	$17^{h}46^{m}50^{s}.951$	28° 16′ $14''.08$		
74.	7.18	2	50.672	15.20		
80.	8.12	3	50.824	13.87		c.d.s.f.
82.	7.28	3	50.700	14.25		c.d.
82.	8. 2	3	50.823	15.58		
82.	8. 9	3	50.699	13.88		c.d.s.f.
8484	9.2	2.3993	+0.0025	− 1.145	+0.350	26°3098
85.	7. 6	5	17 46 54.311	26 45 17.62		
87.	7.11	7	54.343	16.53		$+5^{m}$
87.	7.19	7	54.279	16.92		
8485	8.3	2.3955	+0.0025	− 1.142	+0.349	26°3099
74.	7.16	1	17 46 56.798	26 53 7.15		
80.	8. 9	3	56.883	6.09		
80.	8.11	3	56.793	6.57		
82.	8. 3	3	56.660	6.86		
8486	7.9	2.4119	+0.0024	− 1.131	+0.352	26°3100
74.	8.18	3	17 47 4.165	26 19 25.21		
75.	8.12	3	4.200	24.36		
82.	8.11	2	4.146	23.54		
85.	7.10	5	4.137	23.72		
8487	9.2	2.4082	+0.0024	− 1.128	+0.351	26°3101
85.	7.17	2	17 47 5.781	26 26 58.04		
92.	7. 8	7	5.994	55.99		
92.	7.23	7	5.901	57.34		
8488	9.0	2.3142	+0.0025	− 1.120	+0.338	— —
90.	7 19	6	17 47 11.637	29 35 35.26		
92.	7.21	7	11.492	31.07		
8489	8.8	2.3648	+0.0025	− 1.118	+0.344	27°2903
75.	7.29	2	17 47 13.122	27 55 16.82		
77.	7 12	2	13.002	16.23		
78.	7.16	3	13.026	15.75		
88.	7.19	7	12.968	15.88		
8490	8.9	2.4055	+0.0025	− 1.114	+0.351	26°3102
75.	7.12	2	17 47 15.671	26 32 22.46		w. 7 $+4^{s}$
81.	7.12	3	15.449	21.85		
8491	9.2	2.2979	+0.0025	− 1.112	+0.336	30°3073
73.	8. 7	3	17 47 16.766	30 7 3.43		Z.C. δ $4''.6$
77.	6.27	2	16.708	5.93		
78.	7.20	3	16.999	3.65		
78.	8. 7	3	16.788	4.08		
82.	7.28	3	16.749	5.74		
8492	7.8	2.4491	+0.0024	− 1.111	+0.357	25°3364
74.	7.13	3	17 47 17.770	25 1 25.73		
74.	8.20	3	17.658	26.18		
78.	7.29	3	17.774	25.84		
8493	9.1	2.4541	+0.0024	− 1.110	+0.358	24°3274
78.	7.29	1	17 47 18.778	24 50 51.93		
82.	7.26	3	18.690	52.20		
82.	8. 8	3	18.563	50.72		
8494	8.4	2.3910	+0.0025	− 1.101	+0.349	27°2904
73.	7. 5	3	17 47 24.519	27 2 5.56		
79.	8. 7	3	24.663	6.73		
79.	8.11	3	24.635	5.97		

8495	$9^{\mathrm{m}}0$		$2^{\mathrm{s}}3982$ $+0^{\mathrm{s}}0024$	$-1''098$ $+0''350$	26°3105
	80. 8. 9	2	$17^{\mathrm{h}}47^{\mathrm{m}}26^{\mathrm{s}}604$	26° 47′ 28″99	
	85. 7.14	7	26.823	29.54	−1′
	85. 7.22	5	26.756	29.10	
8496	8.5		2.4316 +0.0024	−1.093 +0.354	25°3365
	74. 7.29	3	17 47 30.025	25 38 12.22	
	83. 8.13	7	30.225	11.94	
	83. 8.14	7	30.227	12.21	
8497	8.9		2.3943 +0.0024	−1.092 +0.349	26°3106
	74. 8.18	2	17 47 30.820	26 55 26.33	Z.C. δ26″6
	75. 8.12	3	30.861	26.70	
	82. 8. 2	3	30.747	26.82	
8498	7.7		2.3854 +0.0024	−1.088 +0.348	27°2905
	74. 7.17	3	17 47 33.579	27 13 28.10	
	78. 8.17	3	33.524	28.70	
	78. 8.29	3	33.647	28.67	
	79. 8.30	3	33.591	27.74	
8499	8.2		2.3662 +0.0024	−1.081 +0.345	27°2906
	74. 8. 8	3	17 47 38.747	27 52 22.59	
	75. 8.16	3	38.795	21.31	Microm.
	76. 6.27	3	38.688	23.58	[doubtful
	78. 7.16	2	38.671	24.13	
8500	9.4		2.3355 +0.0024	−1.066 +0.340	28°2855
	72. 7.15	3	17 47 48.938	28 53 31.95	
	73. 7. 4	3	49.049	31.91	
	75. 8. 2	3	48.859	33.13	
	78. 7.17	3	48.879	34.10	
8501	8.9		2.3091 +0.0025	−1.063 +0.337	29°3132
	74. 8. 3	1	17 47 51.016	29 45 3.10	
	88. 7.26	5	51.119	4.20	
8502	8.9		2.3750 +0.0024	−1.060 +0.346	27°2908
	80. 8.11	3	17 47 53.185	27 34 37.56	
	84. 8.23	4	52.967	37.20	
8503	9.3		2.2971 +0.0025	−1.059 +0.335	30°3075
	73. 8. 7	3	17 47 53.302	30 8 12.75	
	74. 8. 6	3	53.278	12.66	
	78. 7.19	3	53.152	14.37	
	78. 7.20	3	53.420	12.90	-1^{s}
8504	9.0		2.4081 +0.0024	−1.045 +0.351	26°3110
	80. 7. 9	3	17 48 2.908	26 26 51.46	
	82. 8. 8	3	2.768	50.83	
8505	8.0		2.3104 +0.0025	−1.044 +0.337	29°3134
	74. 8.19	3	17 48 3.720	29 42 33.53	
	78. 8. 7	1	3.561	33.47	
	81. 7.11	3	3.666	33.91	
8506	8.0		2.4490 +0.0024	−1.031 +0.357	25°3368
	74. 7.13	3	17 48 13.079	25 1 16.42	
	74. 7.29	3	12.959	15.92	
	74. 8.20	3	13.035	14.88	
	88. 7.21	5	12.965	15.43	

8507	$8^{\mathrm{m}}6$		$2^{\mathrm{s}}3434$ $+0^{\mathrm{s}}0024$	$-1''026$ $+0''341$	28°2858
	74. 7.18	3	$17^{\mathrm{h}}48^{\mathrm{m}}16^{\mathrm{s}}177$	28° 37′ 45″27	
	78. 7.18	3	16.035	44.68	
	82. 8. 3	3	16.082	45.46	
8508	8.8		2.3163 +0.0025	−1.017 +0.338	29°3135
	82. 8.11	2	17 48 22.623	29 31 0.53	
	84. 7.17	4	22.640	2.23	
	84. 7.19	5	22.540	1.96	
8509	8.8		2.3803 +0.0024	−1.010 +0.347	27°2910
	74. 8. 8	3	17 48 26.926	27 23 41.88	
	82. 7.26	3	26.791	43.60	
	92. 7.11	7	27.114	42.91	
8510	9.4		2.3502 +0.0024	−1.008 +0.342	28°2859
	75. 8. 2	3	17 48 28.144	28 24 13.68	
	93. 7. 3	5	28.299	13.59	
8511	9.1		2.4119 +0.0024	−1.007 +0.352	26°3111
	85. 7.23	5	17 48 29.032	26 18 54.89	
	85. 7.24	5	28.970	54.74	
	87. 7.21	5	29.082	53.91	
8512	9.0		2.4185 +0.0024	−1.004 +0.353	26°3112
	75. 7.12	1	17 48 31.017	26 5 15.11	
	85. 7.25	5	31.349	14.81	
	87. 7.20	5	31.542	14.68	
8513	9.3		2.3762 +0.0024	−1.003 +0.346	27°2911
	72. 7.22	2	17 48 31.975	27 31 48.90	
	73. 7. 5	3	31.855	47.32	+1 int.
	79. 8.11	3	32.070	46.65	ft.
8514	8.9		2.4066 +0.0024	−0.997 +0.351	26°3113
	81. 7.12	3	17 48 36.320	26 29 39.99	
	82. 8. 8	2	36.214	39.63	
	82. 8.11	2	36.105	40.05	
8515	9.5		2.3107 +0.0025	−0.980 +0.337	29°3137
	73. 8. 7	2	17 48 47.677	29 41 49.68	+1 int. −5′
	78. 7.19	3	48.078	51.01	
8516	9.0		2.3868 +0.0024	−0.973 +0.348	27°2912
	78. 7.16	2	17 48 52.779	27 10 16.80	
	85. 7. 6	7	52.607	16.95	
8517	7.9		2.3808 +0.0024	−0.951 +0.347	27°2914
	74. 7.17	3	17 49 7.781	27 22 19.71	
	75. 7.29	1	7.636	19.33	
	75. 8.16	3	7.747	17.97	
	78. 8.17	3	7.817	19.27	
	88. 8.22	7	7.711	16.87	
8518	9.2		2.4074 +0.0024	−0.941 +0.351	26°3116
	75. 8.12	3	17 49 14.424	26 27 56.47	†
8519	8.1		2.3062 +0.0025	−0.934 +0.337	29°3139
	74. 8. 6	3	17 49 19.482	29 50 15.45	
	74. 8.19	3	19.552	15.39	v.c.d.m.
	78. 8.28	3	19.589	15.97	
	84. 8.20	5	19.563	15.85	

8520 $8^{m}.9$ $2^{s}.4364$ $+0^{s}.0024$ − 0″.922 +0″.355 25°3374
74. 7.13 3 $17^{h}49^{m}28^{s}.013$ 25° 27′ 34″.04
74. 7.29 3 27.744 34.44
78. 7.29 3 27.941 33.59

8521 9.0 2.3151 +0 0024 − 0.918 +0.338 29°3141
80. 7. 9 3 17 49 30.153 29 32 56.92
80. 8. 9 3 30.154 56.25
80. 8.11 3 30.216 56.62
81. 7.11 3 30.084 56.80

8522 9.5 2.3497 +0.0024 − 0.918 +0.342 — —
72. 7.15 3 17 49 30 239 28 24 53.60 †

8523 7.8 2.3730 +0.0024 − 0.916 +0.346 27°2916
77. 7.12 3 17 49 31.860 27 38 9.79 Z.C.δ8″.9
79. 8.11 3 31.921 8.98
79 8.30 3 32.042 7.92

8524 9.1 2.3140 +0.0024 − 0 907 +0.338 29°3142
80. 7. 9 2 17 49 37.720 29 35 9.66 † Z.C.δ9″.7

8525 8.6 2.4474 +0.0024 − 0.903 +0.357 25°3375
74. 8.20 3 17 49 40.887 25 4 23.95
82. 7.28 3 40.708 25.21
85. 7.10 5 40.750 26.06
85. 7.22 5 40.920 26.39 s. f. of 2

8526 8.6 2.4304 +0.0024 − 0.891 +0.354 25°3376
82. 8. 2 3 17 49 48.550 25 40 5.16
82. 8. 3 3 48.697 5.26
84. 8.21 5 48.762 4.16

8527 9.0 2.2999 +0.0024 − 0.872 +0.336 30°3083
74. 8. 3 3 17 50 2.310 30 2 22.89 Z.C.δ23″.5
77. 6.27 3 2.115 23.59
78. 7.19 3 2.031 24.04

8528 9.2 2.4178 +0.0024 − 0.871 +0.353 26°3118
75 8.12 2 17 50 2.508 26 6 18.22 w.6−10^{s}
84. 7.19 4 2.570 19.39
84. 8.22 5 2.649 18.59

8529 8.9 2.4270 +0.0024 − 0.867 +0.354 25°3378
83. 8.18 7 17 50 5.326 25 47 1.84
84. 8.23 5 5.420 0.68
88. 7.21 5 5.534 1.41

8530 8.0 2.4418 +0.0024 − 0.845 +0.356 25°3379
74. 7.29 3 17 50 20.146 25 15 60.73 Z.C.δ1″.3
81 7.11 2 20.164 59.76
81. 7.12 3 20.217 61.44
82. 7.26 3 20.343 63.25

8531 5.7 2.4187 +0.0024 − 0.842 +0.353 26°3120
85. 7.14 5 17 50 22.652 26 4 16.52
85. 7.24 5 22.543 17.47
86. 7.22 5 22.600 16.57
87. 7.11 7 22.533 16.85

8532 9.2 2.4317 +0.0024 − 0.841 +0.355 25°3380
82. 8. 3 1 17 50 23.244 25 37 19.57
86. 7.20 7 23.058 19.08
88 7 23 5 23.115 18.49

8533 $9^{m}.0$ $2^{s}.4411$ $+0^{s}.0024$ − 0″.832 +0″.356 25°3382
82. 8. 2 2 $17^{h}50^{m}29^{s}.570$ 25° 17′ 29″.47
85. 7.25 5 29.459 27.87

8534 7.8 2.4450 +0.0024 − 0.831 +0.356 25°3381
82 7.29 3 17 50 30.336 25 9 11.89
85. 7.17 5 30.464 11.76
85. 7.23 5 30.395 12.18

8535 9.1 2.4416 +0.0024 − 0.816 +0.356 25°3383
84. 7.17 4 17 50 39.990 25 16 24.51 −1′
87. 7.21 5 39.973 23.86

8536 8.5 2.4105 +0.0024 − 0.797 +0.352 26°3124
80. 7.15 3 17 50 53.019 26 21 7.15 Z.C.δ6″.6
82. 8. 8 3 53.003 6.14

8537 9.1 2.4453 +0.0024 − 0.788 +0.356 25°3384
87. 7.20 5 17 50 59.039 25 8 28.69
87. 7.23 4 59.423 28.96
87. 7.29 5 59.145 28.63 −1′

8538 8.4 2.4490 +0.0024 − 0.788 +0.357 25°3385
84. 8.20 4 17 50 59.669 25 0 39.25
84. 8.21 3 59.594 38.15

8539 8.6 2.4022 +0.0024 − 0.764 +0.350 26°3126
82. 7.28 2 17 51 15.789 26 38 9.55 Z.C.δ9″.6
83. 8.24 4 15.806 9.40
83. 8.24 1 15.886 10.04
92. 7. 4 7 15.853 9.54

8540 9.0 2.3783 +0.0024 − 0.759 +0.347 27°2921
72. 7.22 3 17 51 19.195 27 26 58.58
75. 7.29 3 19.211 57.97 −10^{s}
76. 6.27 3 19.176 59.65

8541 9.5 2.4233 +0.0023 − 0.740 +0.353 25°3387
88. 7.26 5 17 51 32.395 25 54 29.18
93. 6.15 7 32.091 29.15
93. 7. 7 7 32.155 29.20

8542 8.7 2.4019 +0.0024 − 0.736 +0.350 26°3129
82. 7.28 3 17 51 35.121 26 38 38.23
85. 7.22 5 35.068 37.57

8543 9.3 2.4352 +0.0023 − 0.732 +0.355 25°3388
74. 7.13 3 17 51 38.069 25 29 26.42 †

8544 9.0 2.4328 +0.0023 − 0.719 +0 355 25°3389
85. 7.10 5 17 51 47.024 25 34 32.36
92. 7. 7 7 47.184 32.08

8545 9.0 2.4239 +0.0023 − 0.718 +0.353 25°3391
82. 8.11 3 17 51 47.738 25 53 7.97
85. 7.24 5 47.775 8.51

8546 8.5 2.4427 +0.0023 − 0.716 +0.356 25°3390
80. 7. 9 3 17 51 49.263 25 13 42.51
82. 7.29 3 49.126 42.71
84. 7.19 5 49.210 44.11
84. 8 22 5 49.150 41.55
88. 7.21 5 49.253 42.13

8547	9^{m}.3	2^{s}.3930	+0^{s}.0024	− 0″.714	+0″.349	26°3130
	87. 7.19	7	17^{h}51^{m}50^{s}.367	26° 56′ 55″.49		†
8548	9.1	2.3160	+0 0024	− 0.710	+0.338	29°3149
	93. 6.30	7	17 51 52.939	29 30 31.94		d.n.p.
	93. 7.17	2	52.542	32.59		d.n.p.
8549	9.0	2.3183	+0.0024	− 0 705	+0.338	29°3149^{a}
	85. 7.14	5	17 51 56.129	29 25 58.20		
	92. 7.30	6	56.235	57.84		
	See Bonner Beobachtungen IV, p. XLVIII and VI, p. 158					
8550	9.2	2.3917	+0.0024	− 0 705	+0.349	26°3131
	82. 8. 2	3	17 51 56.494	26 59 36.07		Z.C. δ 36″.1
	87. 7.11	3	56.451	36.17		
	87. 7.13	7	56.526	35.99		
8551	9.2	2.3160	+0.0024	− 0.692	+0.338	29°3150
	82. 8. 8	3	17 52 5.590	29 30 37.54		− 1^{s}
	85. 7.17	5	5.584	38.12		
8552	9.5	2.3461	+0.0024	− 0.688	+0 342	28°2869
	93. 6.28	7	17 52 8.288	28 31 25.04		Z.C. δ 25″.0
	93. 7. 5	7	8.341	24.87		
8553	9.0	2.3145	+0.0024	− 0.680	+0.338	29°3151
	93. 7.10	7	17 52 13.519	29 33 38.67		†
	This agrees with Bonn VI, but is 5^{s} earlier than Bonn IV.					
8554	9.0	2.4431	+0.0023	− 0.678	+0.356	25°3392
	82. 8. 3	3	17 52 14.652	25 12 53.25		
	88. 7.23	5	14.768	53.16		
8555	9.2	2.4086	+0.0023	− 0.671	+0.351	26°3132
	81. 7.12	3	17 52 19.390	26 24 43.05		
	84. 8.23	4	19.476	42.70		
	87. 7.21	5	19 508	43.59		
8556	8.4	2.4030	+0.0023	− 0.668	+0.351	26°3134
	84. 7.17	5	17 52 22.162	26 36 15.22		
	87. 8.22	7	22.070	12.98		
8557	9.2	2.4364	+0.0023	− 0.650	+0.355	25°3393
	74. 7.13	3	17 52 34.289	25 26 57.48		
	91. 7.10	7	34.396	55.70		
8558	9.2	2.4126	+0.0023	− 0.646	+0.352	26°3135
	82. 8.11	3	17 52 36.724	26 16 25.66		
	85. 7.25	5	36.674	26.28		− 1′
	92. 7.23	5	36.831	27.87		
8559	8.5	2.3615	+0.0023	− 0.642	+0.345	28°2872
	95. 6.22	7	17 52 39.333	28 0 28.98		
	95. 6.24	7	39.418	29.79		
	95. 7. 6	7	39.608	30.54		
	95. 7.12	7	39.418	30.29		
8560	9.2	2.4197	+0.0023	− 0 636	+0.353	26°3136
	95. 6.27	7	17 52 43.596	26 1 47.10		
	95. 7. 1	7	43.554	47.38		
	95. 7. 8	7	43.803	46.90		
8561	8^{m}.7	2^{s}.3167	+0^{s}.0024	− 0″.635	+0″.338	29°3153
	74. 8. 6	2	17^{h}52^{m}44^{s}.502	29° 28′ 58″.16		
	82. 8. 8	3	44.211	57.31		
	83. 8.14	3	44 383	58.52		
8562	9.1	2.3659	+0.0023	− 0.628	+0.346	27°2922 A
	76. 6.27	3	17 52 49.051	27 51 30.05		† Z.C. δ 30″.1
8563	8.3	2.3658	+0.0023	− 0.627	+0.346	27°2922 B
	72. 7.22	3	17 52 49.631	27 51 45.92		d.n.f.
	75. 7.29	3	49.818	45.67		
	76. 6.27	2	49.881	45.57		
	92. 7.21	7	49.794	46 88		d.n.f.
8564	8.3	2.3537	+0.0023	− 0.627	+0.344	28°2873
	80. 7 15	3	17 52 49.715	28 16 5.89		Z.C. δ 5″.9
	82. 7.28	3	49.686	5.68		
	87. 7.23	2	49.783	6.22		
8565	8.8	2.3166	+0.0024	− 0.627	+0.338	29°3154
	74. 8. 6	3	17 52 49.881	29 29 15.97		
	83. 8.13	3	50.002	15.96		− 10^{s}
	83. 8.14	3	49.893	17.18		
8566	8.8	2 3184	+0.0024	− 0.624	+0.338	29°3155
	82. 7.29	3	17 52 51.854	29 25 37.18		
	84. 7.19	3	51.829	38.52		
	88. 7.26	4	51.907	37.36		
8567	Fundamental Star					29°3156
8568	8.9	2.3518	+0.0023	− 0.602	+0.343	28°2874
	82. 7.26	3	17 53 7.354	28 19 51.55		
	87. 7.20	5	7.537	48.34		
8569	7.9	2.3792	+0.0023	− 0.594	+0.347	27°2923
	78. 7.16	3	17 53 12.609	27 24 35.90		
	83. 7.13	3	12.584	36.42		
	92. 7. 8	7	12.658	36.66		
8570	9.2	2.2952	+0.0024	− 0.590	+0.335	30°3091
	81. 7.12	2	17 53 15.193	30 10 28.31		Z.C. δ 28″.2
	84. 8.20	5	15.114	28.64		
	84. 8.21	5	15.135	27.66		
8571	8.4	2.3616	+0.0023	− 0.576	+0.345	27°2925
	72. 7.15	3	17 53 24.729	28 0 9.74		
	78. 8. 8	1	24.732	9.34		
	82. 8. 2	3	24.694	9.29		
	82. 8. 3	3	24.650	9.28		
	85. 7.22	5	24.623	9.00		
8572	8.5	2.4484	+0.0023	− 0.564	+0.357	25°3396
	88 8.22	5	17 53 33.243	25 1 19.37		
	92. 7.11	7	33.284	20.25		
8573	4.5	2.2944	+0.0024	− 0.549	+0.335	30°3093
	85. 7.10	5	17 53 43.188	30 12 3.41		
	85. 7.14	5	43.265	4.50		
	86. 7 20	7	43.179	4.83		
8574	9.1	2.4106	+0.0023	− 0.539	+0.352	26°3140
	80. 7. 9	3	17 53 50.458	26 20 20.04		ft.
	83. 8.14	1	50.391	21.74		

8575	$9^{m}.0$	$2^{s}.3783$	$+0^{s}.0023$	$-0''.531$	$+0''.347$	27°2927
72.	7.22	3	$17^{h}53^{m}55^{s}.798$	27° 26′ 22″.09		
75.	7.29	2	55.543	22.20		
79.	8.11	1	55.689	21.09		
8576	8.9	2.3072	+0.0024	− 0.526	+0.337	29°3158
74.	8. 6	2	17 53 59.549	29 47 18.96		
81.	7.11	3	59.584	19.37		
84.	8.23	4	59.548	17.62		
85.	7.17	5	59.580	19.73		
8577	9.5	2.4003	+0.0023	− 0.508	+0.350	26°3141
74.	7.16	1	17 54 11.462	26 41 25.57		†
8578	9.4	2.4506	+0 0023	− 0.506	+0.357	24°3292
87.	7.21	4	17 54 13.319	24 56 35.36		†
8579	7.7	2.2988	+0.0024	− 0.502	+0.336	30°3096
78.	7.19	3	17 54 16.088	30 3 31.60		d. f.
82.	8. 8	3	16.003	30.15		d. f. l.
84.	8.22	5	16.059	30.50		s. f.
8580	8.2	2.3540	+0.0023	− 0.497	+0.344	28°2878
82.	8 11	3	17 54 19.127	28 15 14.65		
83.	8.16	1	19.106	14.94		
85.	7.24	5	18.888	15.65		
8581	9.2	2.3370	+0.0023	− 0.495	+0.341	28°2879
84.	7.19	2	17 54 20.390	28 48 59.69		
85.	7.25	5	20.424	57.82		
8582	9.0	2.4060	+0.0023	− 0.493	+0.351	26°3142
84.	7.17	5	17 54 21.938	26 29 49.72		
85.	7.23	5	21.899	49.94		
88.	7.23	5	21.946	47.04		
8583	8.9	2.3160	+0.0023	− 0.474	+0.338	29°3160
74.	8. 3	3	17 54 34.832	29 30 3.22		d. n.
78.	8. 7	2	34.967	7.19		d. n. f.
82.	7.26	3	34.924	5.07		d. n.
82.	7.28	2	34.740	3.41		d. n.
8584	8.7	2.3574	+0.0023	− 0.462	+0.344	28°2881
75.	8. 2	3	17 54 42.636	28 8 25.97		
82.	7.29	3	42.759	26.15		
82.	8.11	2	43.071	26.51		
88.	7.21	7	42.811	26.28		
8585	8.9	2.4489	+0.0023	− 0.457	+0.357	25°3399
80.	7.15	3	17 54 46.779	25 0 9.36		
80.	8.11	3	46.801	9.03		
81.	7.11	3	46.653	10.36		
82.	8. 2	3	46.501	10.28		
82.	8. 3	3	46.788	10.13		
8586	7.5	2.3396	+0.0023	− 0.403	+0.341	28°2882
72.	7.15	3	17 55 23 663	28 43 34.52		−1 int.
73.	7. 4	3	23.562	34.58		
75.	8. 2	2	23.459	34.37		
78.	7.18	3	23.462	35.20		
88.	7.26	7	23.456	35.79		
8587	$9^{m}.0$	$2^{s}.4000$	$+0^{s}.0023$	$-0''.395$	$+0''.350$	26°3143
81.	7.12	3	$17^{h}55^{m}29^{s}.229$	26° 41′ 52″.60		Z C. δ 53″.2
84.	8.20	6	29.198	54.02		
84.	8.21	7	29.166	52.97		
8588	8.9	2.3259	+0.0023	− 0.392	+0.339	29°3164
73.	8. 7	3	17 55 31.270	29 10 39.18		
74.	8. 3	2	31.418	37.77		
78.	7.20	3	31.508	38.51		
80.	8.12	3	31.379	38.29		
88.	8 22	5	31.487	37.73		
8589	9.2	2.4513	+0.0022	− 0.387	+0.357	24°3302
85.	7.22	4	17 55 34.756	24 54 55.69		
87.	7.11	5	34.661	55.96		
87.	7.13	5	34.843	55.80		
87.	7.19	5	34.775	56.00		
8590	8.8	2.4228	+0.0023	− 0.387	+0.353	25°3402
74.	7.29	3	17 55 34.755	25 54 49.90		
74.	8.20	3	34.805	49.28		v. ft.
78.	7.29	3	34.822	49.31		
8591	9.0	2.3629	+0.0023	− 0.372	+0.345	27°2931
72.	7.22	3	17 55 44.533	27 57 8.96		
73.	7. 5	3	44.634	8.73		
75.	7.29	3	44.651	8.79		
90.	7.22	7	44.559	7.72		
8592	7.5	2.3138	+0.0023	− 0.364	+0.338	29°3165
73.	8.22	3	17 55 50.810	29 34 15.30		
74.	8. 6	3	50.691	15.48		
78.	7.19	3	50.763	16.95		
78.	8. 7	2	50.691	16.29		
8593	9.1	2.4187	+0.0023	− 0.362	+0.353	26°3144
75.	8.12	3	17 55 51.858	26 3 19.60		
92.	7. 4	7	52.036	20.72		− 5′
8594	8.2	2.4042	+0.0023	− 0.358	+0.351	26°3145 A
74.	8.18	3	17 55 54.614	26 33 16.75		d. n. p.
75.	8.12	1	54.651	16.14		− 1^{m} d. n. p.
78.	8.29	3	54.679	17.15		d.
8595	9.0	2.4043	+0.0023	− 0.358	+0.351	26°3145 B
74.	8.18	2	17 55 54.804	26 33 9.44		† d. s. f.
8596	8.4	2.4118	+0.0023	− 0.352	+0.352	26°3146
74.	7.16	3	17 55 58.570	26 17 32.71		
78.	8. 8	3	58.546	32.63		
79.	8. 4	2	58.734	31.39		
8597	9.1	2.3186	+0.0023	− 0.350	+0.338	29°3166
73.	8. 7	3	17 56 0.115	29 24 57.32		
74.	8.19	3	0.082	56.80		
78.	7.20	3	0.161	57.29		
8598	8.6	2.3456	+0.0023	− 0.348	+0.342	28°2886
72.	7.15	3	17 56 1.452	28 31 48.25		
74.	7.18	3	1.167	49.05		
78.	7.18	2	1.232	47.83		

8599 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.3672$ $+0^{\mathrm{s}}.0023$ − $0''.348$ $+0''.346$ 27°2932

74. 8. 8	3	$17^{\mathrm{h}}\,56^{\mathrm{m}}\,1^{\mathrm{s}}.599$	27° 48′ $33''.57$	Z.C.δ $33''.8$
75. 8.16	3	1.535	33.25	
77. 7.12	3	1.507	34.56	

8600 9.2 2.4517 +0.0022 − 0.346 +0.357 24°3305

82. 8. 9	3	17 56 2.842	24 54 1.95	
84. 7.19	2	2.893	5.44	− 5′
84. 8.23	5	2.776	2.50	

8601 9.2 2.3666 +0.0023 − 0.330 +0.346 27°2933

74. 8. 8	2	17 56 14.039	27 49 42.24	Z.C.δ $42''.2$
77. 7.12	2	14.098	42.12	

8602 9.0 2.3861 +0.0023 − 0.322 +0.348 27°2934

75. 7.29	2	17 56 19.088	27 10 8.86	†

8603 8.0 2.4498 +0.0022 − 0.309 +0.357 24°3308

81. 8.10	2	17 56 28.283	24 58 8.54	
84. 7.17	4	28.289	11.22	
84. 9. 5	7	28.203	8.98	
85. 7.10	5	28.282	9.96	
85. 7.24	5	28.239	10.98	
87. 7.19	2	28.320	9.89	

8604 7.2 2.4349 +0.0022 − 0.307 +0.355 25°3404

74 7.13	3	17 56 29 653	25 29 33.35	+ 5′
74. 8 20	3	29 580	32.98	
80. 7. 9	3	30.139	33.64	§ ft.
84. 8.22	5	29.754	33.17	

8605 9.0 2.3872 +0.0023 − 0.295 +0.348 27°2938

72. 7.22	3	17 56 37.408	27 8 2.65	
79. 8. 7	3	37.645	3.43	
79. 8.11	3	37.625	2.07	
81. 7.11	3	37.503	2.51	
88. 7.23	5	37.593	1.92	

8606 9.0 2.3995 +0.0023 − 0.288 +0.350 26°3148

77. 8.17	3	17 56 42.789	26 42 51.25	Z.C.δ $51''.8$
85. 7.17	5	42.528	52.40	
85. 7.23	5	42.492	51.70	

8607 9.2 2.3365 +0.0023 − 0.278 +0.341 28°2889

72. 7.15	1	17 56 49.350	28 49 33.00	
73. 7. 4	3	49.154	33.13	
78. 7.17	3	48.949	33.64	

8608 9.0 2.3933 +0.0023 − 0.273 +0.349 26°3149

77. 8.17	2	17 56 53.135	26 55 32.59	Z.C.δ $32''.6$
78. 8. 8	3	52.959	32.43	
87. 7.14	7	53.007	32.87	+ 1′

8609 9.0 2.4246 +0.0022 − 0.268 +0.354 25°3409

74. 7.29	2	17 56 55.804	25 50 54.71	
82. 8. 9	3	56.066	53.72	
85. 7.14	7	56.109	54.87	
85. 7.25	7	56.012	54.83	

8610 8.8 2.4485 +0.0022 − 0.267 +0.357 25°3410

86. 7.20	5	17 56 57.264	25 0 51.70	
87. 7.13	5	57.339	48.32	

8611 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.3634$ $+0^{\mathrm{s}}.0023$ − $0''.253$ $+0''.345$ 27°2940

74. 7.17	3	$17^{\mathrm{h}}\,57^{\mathrm{m}}\,6^{\mathrm{s}}.750$	27° 56′ $1''.44$	Z.C.δ $0''.8$
74. 8. 8	2	6.953	0.13	

8612 9.1 2.3250 +0.0023 − 0.251 +0.339 29°3169

74. 8. 3	3	17 57 7.943	29 12 7.91	
78. 7.20	2	8.057	7.86	

8613 9.1 2.3140 +0.0023 − 0.244 +0.338 29°3172

73. 8.22	3	17 57 12.774	29 33 39.61	
78. 7.19	3	12.721	41.03	
78. 8.28	3	12.913	41.48	

8614 8.8 2.4305 +0 0022 − 0.241 +0.354 25°3411

78. 7.29	3	17 57 14.541	25 38 35.33	− 1 int.
80. 8. 9	3	14.404	35.94	
82. 7.28	3	14.257	36.58	
87. 7 20	5	14.600	35.14	

8615 9.0 2.4262 +0.0022 − 0.240 +0.354 25°3412

73. 8.21	1	17 57 15.474	25 47 26.70	§
74. 7.13	3	15.223	27.08	
82. 7.26	3	15.253	29.47	
82. 8. 2	3	15.055	26.94	
82. 8. 3	3	15.191	27.03	

8616 9.1 2.3716 +0.0023 − 0.240 +0.346 27°2941

73. 7. 5	3	17 57 15.357	27 39 41.77	clds.
78. 7.16	3	15.407	42.72	
82 7.29	3	15.507	41.26	
82. 8. 8	3	15.382	40.95	

8617 8.3 2.4490 +0.0022 − 0.229 +0.357 24°3311

84. 7.19	1	17 57 22.792	24 59 41.72	
87. 7.11	7	22.903	39.25	
87. 7.21	5	22.869	38.56	
88. 7.26	5	22.979	39.96	p. of 3

8618 7.3 2.4106 +0.0022 − 0.225 +0.352 26°3151

74. 7.16	3	17 57 25.787	26 19 62.24	
75. 8.12	3	25.787	61.41	
78. 8.29	3	25.896	59.86	
96. 8.26	7	26.333	48.57	§
96. 8.27	5	26.437	49.38	§

8619 9.4 2.4087 +0.0022 − 0.221 +0.351 26°3152

82. 8.11	3	17 57 28.607	26 23 44.55	
85. 7.22	5	28.302	43.90	
88. 7.21	7	28.446	44.28	

8620 9.1 2.3251 +0.0023 − 0.209 +0.339 29°3173

73. 8. 7	2	17 57 36.702	29 12 2.23	
78. 8. 7	3	36.725	1.88	
78. 8.19	3	36.803	2.67	
82. 8. 8	3	36.541	2.15	
91. 7.10	7	36.614	1.36	

8621 9.1 2.2987 +0.0023 − 0.206 +0.336 30°3110

84. 8.20	3	17 57 38.782	30 3 12.86	
84. 8.21	4	38.860	13.45	

8622 $9^{m}.3$ $2^{s}.3251$ $+0^{s}.0023$ − $0''.196$ $+0''.339$ 29°3174

73. 8. 7	2	$17^{h}57^{m}45^{s}.862$	$29^{\circ}\ 11'\ 53''.77$	
74. 8. 6	3	45.714	54.26	
80. 8.12	3	45.715	52.52	
82. 7.28	3	45.600	54.05	

8623 8.9 2.3479 +0.0022 − 0.193 +0.342 28°2895

73. 8.15	3	17 57 47.975	28 27 2.69	
74. 7.18	3	48.076	2.62	
74. 8.11	3	48.022	2.50	
75. 8. 2	3	47.960	2.98	

8624 8.5 2.3966 +0.0022 − 0.179 +0.350 26°3155

79. 8. 4	3	17 57 57.167	26 48 42.17	
83. 8. 9	3	57.138	42.56	

8625 8.8 2.4433 +0.0022 − 0.172 +0.356 25°3414

74. 7.29	3	17 58 2.107	25 11 36.82	
88. 8.22	7	2.220	36.27	

8626 9.5 2.3573 +0.0022 − 0.166 +0.343 28°2899

73. 7. 4	3	17 58 6.009	28 8 7.71	
74. 7.18	2	6.005	8.65	
78. 7 18	3	6.150	9.07	

8627 8.3 2.4385 +0.0022 − 0.164 +0.356 25°3415

74. 8.20	3	17 58 7.436	25 21 44.22	
84. 8.23	7	7.414	43.10	d.n.f.
85. 7.24	5	7.381	44.66	d.n.f.

8628 9.2 2.3466 +0.0022 − 0.162 +0.342 28°2901

75 8. 2	2	17 58 8.520	28 29 30.53	
92. 7. 9	7	8.811	32.21	

8629 8.4 2.4188 +0.0022 − 0.162 +0.353 26°3157

73. 8.14	3	17 58 9.123	26 2 58.33	
80. 7.15	3	9.084	59.08	
84. 8.22	4	9.153	58.06	

8630 8.7 2.3938 +0.0022 − 0.150 +0.349 26°3158

77. 8.17	3	17 58 17.600	26 54 26.63	Z.C. δ $26''.8$
78. 8.29	3	17.439	25.88	
79. 8. 6	3	17.585	26.53	
82. 7.26	3	17.512	28.39	+ 5′
82. 7.29	2	17.390	26.37	

8631 9.0 2.3661 +0.0022 − 0.147 +0.345 27°2943

72. 7.22	3	17 58 19.536	27 50 37.55	
75. 8.16	2	19.489	35.50	
79. 8.11	3	19.568	35.68	− 1′
82. 8. 3	3	19.604	36.49	
92. 7. 8	7	19.642	36.17	

8632 Not found on revision 97 8.4: not found on Oxford photograph 95.6.7., which shews a star 5′ north: see 8632ᵃ

8632ᵃ 9.5 2.3614 +0.0022 − 0.139 +0.344 28°2903

73. 7. 5	1	17 58 24.934	28 0 5.49	+ 5′

8633 $9^{m}.2$ $2^{s}.3764$ $+0^{s}.0022$ − $0''.132$ $+0''.347$ 27°2944

74. 7.17	3	$17^{h}58^{m}29^{s}.588$	$27^{\circ}\ 29'\ 53''.41$	
78. 8. 8	3	29.772	53.27	
80. 8.11	3	29.648	52.82	
80. 8.12	3	29.689	53.25	
88. 7.23	5	29.743	53.59	

8634 9.1 2.3136 +0.0023 − 0.118 +0.337 29°3175

73. 8.22	3	17 58 38.807	29 34 18.24	
74. 8. 3	3	38.828	17.51	
78. 7.19	3	38.918	17.51	

8635 8.6 2.4515 +0.0022 − 0.116 +0.357 24°3318

78. 7.29	3	17 58 40.622	24 54 18.67	
84. 7.17	7	40.527	20.39	
85. 7.10	7	40.507	19.71	

8636 9.2 2.4186 +0.0022 − 0.114 +0.353 26°3159

80. 7. 9	1	17 58 42.571	26 3 18.15	
80. 8. 9	3	42.112	16.74	
81. 7.12	1	42.217	18.24	− 1^{m}: clds.
82. 7.28	3	42.204	18.05	
82. 8. 3	2	42.038	17.86	
83. 8. 9	3	42.193	16.47	
85. 7.17	7	42.170	18.19	
85. 7.23	7	42.243	17.75	

8637 9.0 2.3114 +0.0023 − 0.107 +0.337 29°3176

73. 8.22	2	17 58 46.552	29 38 34.20	
74. 8. 6	3	46.467	34.63	

8638 9.0 2.3448 +0.0022 − 0.101 +0.342 28°2905

73. 8.15	3	17 58 50.695	28 33 13.95	
74. 8.11	3	50.835	14.23	
78. 7.17	3	50.747	14.63	

8639 9.3 2.4393 +0.0022 − 0.101 +0.356 25°3419

93. 6.27	7	17 58 51.056	25 20 3.20	
93. 6.28	7	50.772	3.10	

8640 7.2 2.4013 +0.0022 − 0.097 +0.350 26°3160

73. 8.14	3	17 58 53.489	26 38 56.06	
75. 8.12	3	53.582	55.97	
78. 8.29	2	53.541	55.28	
82. 8.11	3	53.565	55.41	

8641 9.3 2.3446 +0.0022 − 0.093 +0.342 — —

74. 8.11	3	17 58 56.235	28 33 28.35	
78. 7.17	3	56.197	28.74	

8642 8.9 2.4391 +0.0022 − 0.081 +0.356 25°3420

73. 8.21	3	17 59 4.880	25 20 26.49	
74. 7.29	3	4.521	26.66	
74. 8.20	2	4.673	26.49	
74 8.20	2	4.947	26.97	

8643 9.2 2.4452 +0.0022 − 0.077 +0.356 25°3421

86. 7.20	7	17 59 7.463	25 7 46.65	
87. 7.14	7	7.584	45.87	
87. 7.21	5	7.709	44.80	

8644 9.0 2.3436 +0.0022 − 0.053 +0.342 28°2909

72. 7.15	3	17 59 24.048	28 35 25.48	
73. 7. 4	3	23.969	25.69	
78. 7.18	3	23.801	25.80	

8645	$8^{\mathrm{m}}.6$	$2^{\mathrm{s}}.3633$	$+0^{\mathrm{s}}.0022$	$-0''.040$	$+0''.344$	27°2946
72. 7.22	3	$17^{\mathrm{h}}59^{\mathrm{m}}32^{\mathrm{s}}.694$	27° 56′ 9″.12			
77. 7.12	3	32.710	9.99			
79. 8. 4	3	32.651	8.11			
88. 7.26	7	32.609	9.83			
8646	9.0	2.4392	+0.0022	− 0.040	+0.356	25°3422
74. 7.29	2	17 59 32.889	25 20 16.45			
84. 7.19	2	32.887	18.13			
84. 8.21	5	32.927	15.66			
85. 7.22	5	32.874	16.25			
87. 7.20	7	33.084	16.24			
8647	9.5	2.3802	+0.0022	− 0.030	+0.347	27°2947
80. 7.15	3	17 59 39.814	27 22 2.78			Z.C. δ 3″.2
80. 8. 9	3	39.521	3.22			
82. 8. 8	3	39.625	3.64			
8648	7.5	2.3878	+0.0022	− 0.029	+0.348	27°2948
78. 8. 8	3	17 59 40.207	27 6 31.03			
78. 8.17	3	40.217	31.99			
79. 8. 7	3	40.233	32.66			
81. 8.10	3	40.211	31.33			
8649	9.3	2.4029	+0.0022	− 0.026	+0.351	26°3163
85. 7.25	7	17 59 42.201	26 35 38.47			
87. 7.13	5	42.290	38.24			
87. 7.19	7	42.186	38.90			
8650	9.3	2.3634	+0.0022	− 0.018	+0.344	27°2949
77. 7.12	3	17 59 47.880	27 55 59.88			† Z.C. δ 59″.9
8651	7.5	2.3290	+0.0022	+ 0.012	+0.340	29°3180
73. 8. 7	3	18 0 7.901	29 4 25.33			
73. 8.22	3	7.889	24.33			
78. 7.19	3	7.854	25.99			
8652	9.0	2.4241	+0.0022	+ 0.013	+0.354	25°3423
78. 7.29	2	18 0 8.886	25 51 46.22			
82. 7.26	3	8.745	48.55			§
92. 7.23	7	8.554	48.13			
8653	7.7	2.3746	+0 0022	+ 0.019	+0.346	27°2951
72. 7.22	1	18 0 12.907	27 33 20.86			
74. 7.17	3	12.997	19.10			
79. 8. 7	3	12.952	20.25			
8654	7.8	2.3410	+0.0022	+ 0.049	+0.341	28°2914
75. 8. 2	3	18 0 33.844	28 40 34.69			
79. 8.30	3	33.941	33.66			
79. 9. 3	3	33.769	34.14			
82. 8. 2	3	33.729	35.16			
8655	8.5	2.4327	+0.0022	+ 0.080	+0.355	25°3426
73. 8.21	3	18 0 54 649	25 34 1.22			
79. 8.25	3	54.512	0.56			
79. 8.29	3	54.511	1.23			
8656	8.2	2.4296	+0.0022	+ 0.080	+0.354	25°3427
82. 7.28	3	18 0 54.846	25 40 22.63			
82 8. 8	3	54.756	22.90			
83. 8. 9	3	54 936	23.00			
88. 7.23	5	54.973	22.03			

8657	$9^{\mathrm{m}}.3$	$2^{\mathrm{s}}.3368$	$+0^{\mathrm{s}}.0022$	$+0''.112$	$+0''.341$	28°2917
72. 7.15	3	$18^{\mathrm{h}}\ 1^{\mathrm{m}}16^{\mathrm{s}}.522$	28° 48′ 55″.29			
73. 7. 4	3	16.342	54.80			
82. 7.26	3	16.292	55.66			§
8658	9.0	2.4103	+0.0022	+ 0.112	+0.352	26°3168
75. 8.12	3	18 1 16.374	26 20 25.09			
78. 8.29	3	16.512	24.53			
80. 7. 9	3	16.442	25.55			
8659	8.6	2.4393	+0.0021	+ 0.115	+0.356	25°3430
74. 7.29	3	18 1 18.545	25 19 60.13			
79. 8.29	2	18.587	59.40			
8660	9.3	2.3253	+0.0022	+ 0.137	+0.339	29°3182
74. 8. 6	3	18 1 33.431	29 11 33.61			
78. 7.19	3	33.654	32.63			
82. 8. 3	3	33.534	31.76			
8661	9.4	2.3999	+0.0022	+ 0.163	+0.350	26°3171
79. 8. 4	1	18 1 51.938	26 41 46.31			
80. 7. 9	3	51.767	46.30			
82. 8. 8	3	51.678	45.29			
82. 8.11	3	51.917	46.16			
8662	8.5	2.3724	+0.0022	+ 0.164	+0.346	27°2956
73. 7. 5	3	18 1 52.296	27 37 55.76			
77. 7.12	3	52.407	55.76			
79. 8. 4	3	52.313	55.30			
81. 8.10	3	52.370	54.86			
82. 7 29	3	52.336	56.06			
8663	8.7	2.3085	+0.0022	+ 0.179	+0.336	29°3184
74. 8. 6	3	18 2 2.625	29 44 26.32			
83. 8. 9	3	2.641	25.83			
8664	8.5	2.3500	+0.0022	+ 0.188	+0.342	28°2922
82. 7.28	3	18 2 8.757	28 22 53.28			
83. 8.13	3	8.937	53.13			
8665	9.4	2.4498	+0.0021	+ 0.194	+0.357	24°3334
82. 7.26	3	18 2 13.369	24 57 60.02			§
92. 8.12	2	13.477	58.88			
95. 6.22	7	13.035	58.25			
95. 6.24	7	12.787	57.65			
8666	9.0	2.3422	+0.0022	+ 0.203	+0.342	28°2923
73. 7. 4	3	18 2 18 994	28 38 10.53			
82. 8. 3	3	18.837	11.33			
83. 8. 9	2	18.854	10.29			
8667	9.0	2.4384	+0.0021	+ 0.207	+0.356	25°3435
74. 7.29	3	18 2 21.901	25 21 55.94			
79. 8.25	2	21.927	54.20			
79. 8.25	1	22.107	54.43			
8668	9.2	2.3488	+0.0022	+ 0.211	+0.342	28°2924
88. 7.26	7	18 2 24.451	28 25 15.16			†
8669	7.3	2.4086	+0.0021	+ 0.217	+0.351	26°3175
78. 8.29	3	18 2 28.760	26 23 56.51			
83. 8.13	3	28.835	56.99			
84. 7.19	4	28.758	58.09			

8670 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.4370$ $+0^{\mathrm{s}}.0021$ $+\ 0''.226$ $+0''.355$ 25°3437

83.	8.18	7	18^{h}	2^{m}	$35^{\mathrm{s}}.121$	25°	25′	$5''.85$	
96	6. 5	7			34.701			4.56	
96.	6.15	7			34.638			6.69	
96.	6.26	7			34.689			6.55	
96.	7.10	7			34.558			7.47	

8671 9.2 2.3860 +0.0021 + 0.229 +0.348 — —

73.	7. 5	3	18	2	36.838	27	10	29.64	
82.	8. 2	2			36.960			31.00	

8672 Fundamental Star 28°2925

8673 8.9 2.3570 +0.0021 + 0.238 +0.343 28°2926

83.	8.14	3	18	2	43.224	28	8	52.88	
83.	8.16	7			43.203			52.76	

8674 6.1 2.4179 +0.0021 + 0.244 +0.353 26°3178 A

78.	8.29	3	18	2	47.286	26	4	48.38	d.s.: smaller
84.	8.22	3			47.204			48.52	Z.C. α $47^{\mathrm{s}}.20$
86.	7.22	4			47.120			48.16	Z.C. δ $48''.4$

8675 5.9 2.4178 +0.0021 + 0.244 +0.353 26°3178 B

83.	9. 5	3	18	2	47.244	26	5	3.27	d.n.
84.	8.22	2			47.274			2.52	Z.C. δ $2''.9$

8676 9.2 2.3351 +0.0022 + 0.244 +0.341 28°2927

84.	7.17	4	18	2	47.505	28	52	18.90	†

8677 8.4 2.3799 +0.0021 + 0.251 +0.347 27°2960

72.	7.22	3	18	2	51.947	27	22	49.70	Z.C. δ $49''.7$
79.	8. 7	3			51.968			49.97	
81.	8 10	3			52 089			49.39	
83.	8.24	4			51.898			49.67	

8678 9.4 2.3715 +0.0021 + 0.253 +0.346 27°2961

92.	8.15	6	18	2	53.645	27	39	45.14	
93.	7. 5	7			53.056			46.06	[doubtful
93.	7. 7	7			53.048			44.90	microm.

8679 9.4 2.3711 +0.0021 + 0.259 +0 346 — —

93.	7.17	6	18	2	57.530	27	40	33.89	†

8680 8.8 2.3484 +0.0021 + 0.262 +0.342 28°2928

92.	8.11	7	18	2	59.920	28	25	54.86	
92.	8.16	3			59.930			53.70	
92.	8.20	7			59.749			54.03	

8681 9.0 2.3967 +0.0021 + 0.263 +0.350 26°3180

82.	7.29	2	18	3	0.256	26	48	34.69	
92.	7.30	7			0.532			34.71	
93.	7. 3	7			0.606			37.08	

8682 8.0 2.4443 +0.0021 + 0.266 +0.356 25°3438

79.	8.29	3	18	3	2.247	25	9	30.87	
92.	7.28	7			2.458			30.96	

8683 7.7 2.3066 +0.0022 + 0.268 +0.336 29°3186

74.	8. 6	3	18	3	3.401	29	48	6.37	
78.	7.19	3			3.385			5.63	
82.	8.11	3			3.444			5.69	
83.	8.28	3			3.526			5.00	

8684 $8^{\mathrm{m}}.6$ $2^{\mathrm{s}}.3418$ $+0^{\mathrm{s}}.0022$ $+\ 0''.269$ $+0''.341$ 28°2929

73.	7. 4	3	18^{h}	3^{m}	$4^{\mathrm{s}}.633$	28°	39′	$4''.92$	
83.	8 14	1			4.426			6.84	

8685 8.2 2.3106 +0.0022 + 0.301 +0.337 29°3187

82.	7.28	3	18	3	25.975	29	40	26.96	
83.	8.23	7			26.207			26.91	

8686 7.3 2.4504 +0.0021 + 0.331 +0.357 24°3342

84.	7.29	3	18	3	46.529	24	56	51.77	
79	8.25	1			46.683			51.04	
79.	8.29	1			46.762			50.35	
84.	7.19	5			46.567			53.00	

8687 8.0 2.3925 +0.0021 + 0.331 +0.348 26°3181

79.	8. 4	3	18	3	46.794	26	57	14.34	
79.	8 6	1			46.873			13.89	

8688 9.1 2.4429 +0.0021 + 0.334 +0.356 25°3440

80.	7. 9	3	18	3	49.180	25	12	48.50	
82.	8. 3	3			49.225			47.93	
83.	8.13	1			49.182			48.70	
84	7 17	3			49.243			49.51	

8689 9.0 2.4499 +0.0021 + 0.350 +0.357 24°3344

74.	7.29	2	18	4	0.038	24	57	55.59	
82.	8. 8	3			0.217			55.33	
83	8. 9	3			0.311			55.50	
92.	7.23	5			0.143			57.01	

8690 9.4 2.4033 +0.0021 + 0.382 +0.350 26°3182

77.	8 17	3	18	4	21.903	26	35	10.86	Z.C. δ $9''.9$
82.	7.26	3			21.774			12.39	§
82	8.11	3			21.938			8.90	+5′

8691 9.1 2.3930 +0.0021 + 0.395 +0.348 26°3184

78.	8.29	3	18	4	31.150	26	56	7.55	
82.	7.28	3			30.912			8.25	
82.	7.29	3			31.061			8.11	+5′
83.	8.14	3			30.800			9.31	
83.	8.24	4			31.070			9.00	

8692 7.2 2.3027 +0.0021 + 0.398 +0.335 29°3190

74.	8. 3	3	18	4	32.802	29	55	41.97	
78.	7.19	3			32.734			42.91	
78.	8. 7	3			32.680			41.40	
78.	8.19	2			32.836			41.68	

8693 8.8 2.3018 +0.0021 + 0.429 +0.335 29°3192

73.	8. 7	3	18	4	54.351	29	57	32.15	
74.	8. 3	1			54.180			33.65	
74.	8. 6	3			54.250			32.77	
78.	8.19	3			54.429			34.10	
78.	8.28	3			54.372			33.26	
81.	8.10	3			54.348			32.76	

8694 9.4 2.3955 +0.0021 + 0.435 +0.349 26°3185

73.	8.14	3	18	4	57.993	26	51	13.44	
83.	8. 9	1			58.442			14.45	

8695 9.2 2.3412 +0.0021 + 0.452 +0.341 — —

73.	8.15	3	18	5	9.871	28	40	43.71	
92.	7.30	4			9.516			45.47	

8696	$8^m.5$	$2^s.4464$	$+0^s.0021$	$+\ 0''.452$	$+0''.357$	25°3443
73.	8.21	3	$18^h\ 5^m\ 9^s.746$	25° 5′ 33″.33	Z.C. δ 32″.6	
74	7.13	3	9.884	32.17		
78.	7.29	3	9.706	32.38		
8697	9.2	2.4527	+0.0021	+ 0.456	+0.358	24°3353
74.	8.20	2	18 5 12.720	24 52 12.78		
80.	7. 9	3	12.596	14.28		
82.	8.11	3	12.711	12.80		
83.	8.13	2	12.674	13.74		
8698	9.3	2.3349	+0.0021	+ 0.457	+0.341	28°2934
85.	7.24	5	18 5 13.283	28 52 59.50	†	
8699	9.5	2.3155	+0.0021	+ 0.461	+0.337	— —
73.	8.22	2	18 5 15.872	29 31 0.39	†	
8700	9.0	2.3149	+0.0021	+ 0.465	+0.337	29°3193
73.	8.22	3	18 5 19.040	29 32 16.20		
74.	8. 6	3	18.971	16.45		
78.	8. 7	1	18.876	16.73		
8701	9.0	2.4234	+0.0021	+ 0.475	+0.354	25°3447
79.	8.25	3	18 5 25.654	25 53 43.62		
79.	8.29	3	25.633	43.05		
80.	8.23	3	25.460	42 72		
82.	8. 3	3	25.401	43 72		
8702	9.0	2.3488	+0.0021	+ 0.475	+0.342	28°2935
72.	7.15	3	18 5 26.013	28 25 24.39		
73.	7. 4	3	25.957	24.34		
73.	8.15	2	25.956	24.82		
74.	7.18	3	25.995	23.97		
75.	8. 2	3	25.872	23.70		
78.	7.18	3	25.884	24.39		
79.	8.30	3	26.006	23.31	v. ft.	
8703	9.5	2.4291	+0.0021	+ 0.479	+0.354	25°3448
82.	8 8	3	18 5 28.466	25 41 47.92		
83.	8.14	2	28.463	49.21		
8704	9.1	2.3070	+0.0021	+ 0.483	+0.336	29°3194
84.	7.17	4	18 5 31.635	29 47 35.56		
84.	8.22	5	31.501	35.76		
85.	7.25	7	31.464	36.61		
8705	9.5	2.3956	+0.0021	+ 0.491	+0.349	26°3186
74.	7.16	3	18 5 36.361	26 51 11.33	†	
8706	8.2	2.3297	+0.0021	+ 0.500	+0.340	29°3195
74	8.19	3	18 5 43.087	29 3 16.92		
78.	7.19	3	43.021	18.54		
78.	8.28	3	43.022	16.62		
8707	8.5	2.3630	+0.0021	+ 0.515	+0.344	27°2969
72.	7.22	3	18 5 53.476	27 57 9.42		
73.	7. 5	3	53.442	8.87		
74.	8. 8	3	53.235	9.87		
75.	8.16	3	53.392	9.11		
79.	8.11	3	53.452	8.67		
79.	8.28	3	53.373	8.58		
86.	7.20	7	53.439	10.09		

8708	$9^m.3$	$2^s.3876$	$+0^s.0021$	$+\ 0''.519$	$+0''.347$	27°2968
82.	8. 9	3	$18^h\ 5^m 55^s.506$	27° 7′ 35″.42		
88.	8.29	5	55.696	36.85		
8709	7.6	2.4017	+0.0021	+ 0.530	+0.350	26°3187
73.	8.14	3	18 6 3.130	26 38 39 49		
74.	7.16	1	3.086	39.01		
74.	8.18	3	3.125	39.03		
74.	8.28	3	3.028	38.81		
75.	8.12	3	3.139	38.81		
76.	8.11	3	3.244	38.63		
76.	8.22	2	3.132	38.40		
77.	8.17	3	3 144	39.14		
8710	9.4	2.3045	+0.0021	+ 0.531	+0.336	29°3196
87.	7.29	7	18 6 4.205	29 52 27.24	†	
8711	8.4	2.4501	+0.0020	+ 0.539	+0.357	24°3355
74.	7.29	3	18 6 9.473	24 57 49.27		
78.	7.29	2	9.640	48.61		
8712	8.3	2.4406	+0.0020	+ 0.548	+0.356	25°3452
79.	8.29	1	18 6 15.790	25 17 40.67		
82.	7.26	3	15.769	43.31	§	
92.	8. 5	7	15.782	41.53		
8713	7.2	2.4339	+0.0020	+ 0.565	+0.355	25°3453
74.	8.20	3	18 6 27.751	25 31 60.01		
80.	8.23	3	27.618	59.42		
82.	8.23	3	27.658	59.69		
8714	7.7	2.3118	+0.0021	+ 0.576	+0.337	29°3199
74.	8. 6	3	18 6 35.194	29 38 35.44		
78.	7.20	3	35.334	35.91		
78.	8.19	2	35.415	36.50		
78.	8.28	3	35.386	35.32		
8715	7.3	2.3043	+0.0021	+ 0.576	+0.336	29°3198
73.	8. 7	3	18 6 35.581	29 52 58.31		
74.	8. 3	3	35.427	57.60		
78.	7.19	3	35.485	57.83		
85.	9. 9	7	35.452	56.73		
8716	7.7	2.2976	+0.0021	+ 0.583	+0.335	30°3144
74.	8.19	3	18 6 39.529	30 5 48.79		
79.	9. 3	3	39.716	48.49		
82.	8. 3	3	39.508	49.75		
83.	8. 9	2	39.530	51.22		
8717	8.5	2.4391	+0.0020	+ 0.584	+0.356	25°3455
74.	7.13	3	18 6 40.705	25 21 2.83		
79.	8.25	3	40.804	3.18		
80.	7. 9	3	40.827	4.45		
82	8. 2	3	40.565	2.42		
8718	8.9	2.3530	+0.0021	+ 0.587	+0.343	28°2939
72.	7.15	3	18 6 42.294	28 17 26.36		
74.	7.18	3	42.368	25.69		
78.	7.17	3	42.185	25.80		
8719	9.0	2.3356	+0.0021	+ 0.590	+0.341	28°2941
74.	8.11	3	18 6 44.510	28 51 58.36		
74.	8.21	3	44.510	57.92		
81.	8.10	3	44.524	56.84		
82.	7.28	3	44.459	58.70		
82.	8.11	3	44.181	58.53		

8720 $9^{\rm m}.0$ $2^{\rm s}.3679$ $+0^{\rm s}.0021$ + $0''.592$ $+0''.345$ 27°2974

74. 7.17	3	$18^{\rm h}\,6^{\rm m}\,45^{\rm s}.701$	27° 47′ $36''.66$	
74. 8. 8	3	45.696	37.86	
75. 7.29	1	45.455	38.21	
75. 8.16	2	45.756	37.60	
79. 8.11	3	45.666	37.63	

8721 8.8 2.3807 +0.0021 + 0.594 +0.347 27°2975

72. 7 22	3	18 6 47.400	27 21 32.90	
78. 8. 8	3	47.279	32.62	
78. 8.29	3	47.227	31.69	
79. 8.28	3	47.085	32.49	

8722 9.2 2.3421 +0.0021 + 0.594 +0.341 28°2942

75. 8. 2	3	18 6 47.478	28 38 55.65	
82. 7.29	3	47.625	57.02	
82. 8. 8	3	47.492	55.85	

8723 9.2 2.3554 +0.0021 + 0.608 +0.343 28°2943

84. 8.20	5	18 6 57.151	28 12 41.52	
84. 8.21	7	56.779	40.61	
85. 7.24	5	56.904	42.20	

8724 9.3 2.3076 +0.0021 + 0.613 +0.336 — —

74. 8. 3	1	18 6 59.950	29 46 47.16	
90. 7.22	7	60.357	46.46	

8725 9.3 2.3472 +0.0021 + 0.614 +0.342 28°2944

73. 7. 4	3	18 7 1.192	28 29 1.00	
74. 7.18	3	1.181	0.29	
78. 7.18	3	1.107	1.95	

8726 9.1 2.4362 +0.0020 + 0.623 +0.355 25°3456

84. 7.19	4	18 7 7.660	25 27 17.04	
84. 8.23	7	7.552	14.64	

8727 8.1 2.3733 +0.0021 + 0.627 +0.346 27°2977

73. 7. 5	3	18 7 9.844	27 36 50.45	
74. 7.17	3	9.715	51.02	
74. 8. 8	3	9.820	50.01	v.c.d.m.
79. 8.11	2	9.790	49.78	v.c.d.m.
79. 8.28	2	9.940	49.57	
79. 8.30	3	9.714	49.75	

8728 9.4 2.3409 +0.0021 + 0.629 +0.341 28°2946

74. 8.11	3	18 7 10.963	28 41 29.78	
80. 7. 9	3	11.274	30.25	

8729 8.2 2.3105 +0.0021 + 0.636 +0.337 29°3203

73. 8. 7	3	18 7 15.831	29 41 12.63	
73. 8 22	3	15.854	12.20	
78. 7.19	3	15.944	13.18	

8730 9.3 2.4510 +0.0020 + 0.645 +0.357 24°3357

73. 8.21	3	18 7 22.526	24 56 9.19	
74. 7.29	3	22.661	8.22	
82. 7.26	3	22.757	8.94	§
82. 8. 3	2	22.826	9.70	+1′
82. 8. 9	3	22.561	8.00	

8731 9.3 2.3474 +0.0021 + 0.672 +0.342 28°2951

73. 7. 4	3	18 7 40.492	28 28 46.21	−1′
74. 8.21	3	40.655	47.01	
78. 8.19	3	40.691	47.51	

8732 $8^{\rm m}.0$ $2^{\rm s}.4316$ $+0^{\rm s}.0020$ + $0''.684$ $+0''.354$ 25°3461

73. 8.21	3	$18^{\rm h}\,7^{\rm m}\,48^{\rm s}.818$	25° 37′ $1''.08$	
79. 8. 6	3	48.918	0.27	
79. 8.25	3	48.815	0.07	
88. 9. 6	7	48.788	0.03	

8733 9.2 2.3599 +0.0021 + 0.685 +0.344 28°2952

72. 7.15	3	18 7 49.513	28 3 50.91	
74. 7.18	1	49.684	49.66	
81. 8.10	3	49.445	50.17	
84. 7.17	7	49.386	51.89	
84. 8.22	5	49.263	50.76	
84. 8.29	7	49.446	49.90	v. ft.

8734 8.1 2.4419 +0.0020 + 0.701 +0.356 25°3463

74. 8.20	3	18 8 0.481	25 15 25.68	
78. 7.29	3	0.512	26.68	
79. 8.29	3	0.513	25.05	
82. 7.28	3	0.395	27.39	
88. 8.25	5	0.549	26.18	

8735 9.2 2.2959 +0.0021 + 0.701 +0.334 30°3148

73. 8. 7	2	18 8 1.059	30 9 21.23	
74. 8. 6	3	0.805	21.92	
78. 8. 7	3	0.954	22.28	

8736 9.1 2.3610 +0.0021 + 0.701 +0.344 28°2954

74. 8.21	3	18 8 1.015	28 1 30.23	Z C. α $1^{\rm s}.06$
75. 8. 2	2	1.063	29.95	−5′
79. 8.28	1	1.064	30.77	Z.C. δ $30''.6$
80. 7. 9	3	1.096	31.90	
82. 8. 2	3	1.044	30.17	
82. 8.11	3	1.067	30.84	

8737 8.2 2.3551 +0.0021 + 0 707 +0.343 28°2955

73. 7. 4	1	18 8 5.041	28 13 17.39	
92. 8.11	6	4.877	19.80	

8738 9.5 2.3403 +0.0021 + 0.709 +0.340 — —

73. 8.15	3	18 8 6.208	28 42 44.76	†

8739 8.2 2.3555 +0.0021 + 0.711 +0.343 28°2956

88. 8.22	5	18 8 7.751	28 12 39.19	
92. 8.12	7	7 820	39.61	

8740 9.0 2.4071 +0.0020 + 0.721 +0.350 26°3192

73. 8.14	3	18 8 14.251	26 27 52.67	
74. 7.16	3	14.368	52.61	
74. 8.28	3	14.352	53.29	
75. 8.12	2	14.352	53.46	

8741 9.2 2.4135 +0.0020 + 0.733 +0.351 26°3194

74. 7.30	3	18 8 23.081	26 14 49.01	
74. 8.18	2	22.847	49.35	
76. 8.22	2	23.078	50.69	

8742 7.6 2.4145 +0.0020 + 0.736 +0.351 26°3195

74. 7.30	2	18 8 24.872	26 12 43.45	
74. 8.18	2	24.838	44.33	
77. 8.17	3	24.866	44.38	

8743 9.3 2.4133 +0.0020 + 0.744 +0.351 26°3197

76. 8.22	1	18 8 30.004	26 15 8.28	†

8744 $8^{m}.3$ $2^{s}.4335$ $+0^{s}.0020$ + 0″.757 +0″.354 25°3464

74.	7.29	3	$18^{h}\ 8^{m}39^{s}.083$	25° 33′ 9″.17	
79.	8. 6	3	39.266	10.15	
82.	7.29	3	39.264	10.06	
82.	8. 9	3	39.021	8.49	

8745 9.0 2.3070 +0.0021 + 0.761 +0.336 29°3204

73.	8.22	3	18 8 42.001	29 48 17.13	
78.	7.19	3	42.063	18.34	

8746 9.0 2.3153 +0.0021 + 0.768 +0.337 29°3205

74.	8.19	3	18 8 47.094	29 32 6.79	
78.	8. 7	3	47.132	6.70	
82.	8. 8	3	46.956	7.05	
82.	8.15	3	47.083	6.42	

8747 9.1 2.4039 +0.0020 + 0.771 +0.350 26°3198

84.	7.21	5	18 8 48.820	26 34 38.17	
85.	8. 3	5	48.770	37.92	clds.
85.	9. 3	7	48.701	38.69	
87.	8.31	7	48.837	38.20	

8748 9.4 2.3078 +0.0021 + 0.777 +0.336 29°3206

73.	8. 7	1	18 8 52.799	29 46 50.03	
73.	8.22	3	52.701	49.81	
74.	8. 6	2	52.704	51.11	

8749 8.1 2.3997 +0.0020 + 0.779 +0.349 26°3199

73.	8.14	3	18 8 54.665	26 43 20.13	
74.	7.16	3	54.570	19.76	
74.	8.28	3	54.244	18.69	
75.	8.12	3	54.630	19.72	
76.	8.11	2	54.657	17.60	

8750 9.2 2.2994 +0.0021 + 0.782 +0.335 30°3151

81.	8.10	2	18 8 56.588	30 3 3.17	Z.C. δ 3″.3
87.	7.20	7	56.583	3.29	§
87.	7.21	5	56.559	3.40	

8751 9.5 2.3367 +0.0020 + 0.791 +0.340 28°2959

73.	8.15	3	18 9 2.359	28 50 12.36	
74.	8.21	2	2.582	12.77	

8752 9.0 2.4413 +0.0020 + 0.795 +0.356 25°3465

74.	7.13	3	18 9 5.375	25 16 59.38	
74.	7.29	3	5.458	59.81	
74.	8.20	2	5.476	59.76	

8753 6.8 2.3565 +0.0020 + 0.806 +0.343 28°2960

72.	7.15	3	18 9 13.033	28 10 56.45	
73.	7. 4	2	13.262	55.44	
73.	8.15	2	13.225	55.38	
74.	8.11	3	12.963	55.33	
75.	8. 2	1	12.950	56.05	
78.	8.28	3	13.081	56.12	
79.	8.28	2	13.130	55.32	
79.	8.30	3	13.105	55.13	
82.	7.28	3	13.146	55.20	

8754 9.3 2.3138 +0.0021 + 0.820 +0.337 29°3211

74.	8. 3	3	18 9 22.119	29 35 19.35	
82.	7.26	3	22.347	19.66	§
82.	8. 2	3	22.232	18.38	
82	8.11	3	22.195	18.52	
82.	8.23	3	22.360	17.90	

8755 $9^{m}.3$ $2^{s}.2972$ $+0^{s}.0021$ + 0″.822 +0″.334 30°3152

82.	8. 9	3	$18^{h}\ 9^{m}23^{s}.724$	30° 7′ 15″.75	
87.	7.29	5	23.987	17.57	
88.	8.29	7	23.832	16.54	

8756 9.3 2.3695 +0.0020 + 0.842 +0.345 27°2982

72.	7.22	3	18 9 37.637	27 44 58.25	
74.	8. 8	3	37.749	57.58	
75.	7.29	2	37.878	57.09	
78.	8. 8	3	37.638	57.52	

8757 9.0 2.4514 +0.0019 + 0.861 +0.357 24°3370

78.	7.29	3	18 9 50.344	24 55 47.15	Z.C. δ 47″.0
79.	8.25	2	50.521	47.08	
80.	8.23	3	50.193	46.80	
82.	8.15	3	50.264	47.11	

8758 7.0 2.3264 +0.0020 + 0.864 +0.338 29°3213

74.	8. 3	2	18 9 52.638	29 10 42.29	Z.C. δ 41″.8
74.	8.19	3	52.878	42.18	
77.	8.23	2	52.913	40.94	

8759 9.2 2.3177 +0.0020 + 0.867 +0.337 29°3214

78.	7.19	3	18 9 54.555	29 27 49.44	
78.	8.19	2	54.571	48.61	
78.	8.28	2	54.560	48.92	v. ft.
82.	7.29	3	54.634	49.62	

8760 9.5 2.4202 +0.0020 + 0.876 +0.352 26°3202

74.	7.16	2	18 10 0.489	26 1 15.43	v. ft.
74.	8.14	3	0.522	19.72	v. ft.
74.	8.18	3	0.517	20.69	
77.	8.17	2	0.477	20.17	ex. ft.

8761 9.4 2.3651 +0.0020 + 0.879 +0.344 27°2986

74.	7.17	3	18 10 2.553	27 53 49.45	
77.	7.12	3	2.848	50.08	
82.	7.28	2	2 981	50.36	

8762 9.0 2.3203 +0 0020 + 0.884 +0.337 29°3215

82.	8. 2	3	18 10 6.599	29 22 40.06	
82.	8. 3	2	6.746	40.15	

8763 9.5 2.4217 +0.0020 + 0.891 +0.352 25°3470

74.	7.13	3	18 10 11.384	25 58 7.44	
82.	8. 8	3	11.161	8.97	v. ft.
82.	8.11	2	11.529	7.78	v. ft.: $+2^{s}$

8764 9.1 2.3420 +0.0020 + 0.899 +0.341 28°2963

73.	8.15	1	18 10 16.343	28 40 3.61	
85.	7.25	7	16.366	5.36	
88.	8.22	5	16.109	4.84	
88.	8.25	7	16.350	3.67	
90.	7.22	5	16.337	3.51	

8765 9.0 2.3294 +0.0020 + 0.899 +0.339 29°3216

78.	8. 7	3	18 10 16.820	29 4 59.35	
78.	8.19	2	16.768	60.78	
82.	7.29	2	16.829	60.23	

8766 9.1 2.3748 +0.0020 + 0.901 +0.346 27°2987

74.	8. 8	3	18 10 17.721	27 34 24.37	
79.	8. 7	3	17.852	24.39	
79.	8.11	3	17.748	24.27	

8767	$9^{m}.1$	$2^{s}.3083$	$+0^{s}.0020$	+ 0″.906	+0″.336	29°3217
84.	7.17	5	$18^{h}10^{m}21^{s}.742$	29° 46′ 4″.34		
84.	8.20	7	21.686	3.29		
8768	9.1	2.4407	+0.0019	+ 0.921	+0.355	25°3473
84.	8.21	7	18 10 31.873	25 18 36.32		†
8769	9.4	2.4418	+0.0019	+ 0.922	+0.355	25°3474
84.	7.19	5	18 10 32.555	25 16 9.62		†
8770	9.2	2.3373	+0.0020	+ 0.923	+0.340	28°2966
84.	7.21	5	18 10 32.877	28 49 19.49		
84.	8.22	7	32.759	20.84		
8771	9.3	2.4197	+0.0020	+ 0.924	+0.352	26°3205
73.	8.14	3	18 10 33.327	26 2 24.14		
76.	8.22	2	33.626	23.55		
83.	8. 9	3	33.419	26.14		
95.	7. 1	7	33.256	24.58		§
8772	8.0	2.3874	+0.0020	+ 0.932	+0.347	27°2988
72.	7.22	3	18 10 39.321	27 8 50.82		
74.	7.17	3	39.405	51.03		
75.	8.16	3	39.327	50.43		
79.	8.11	2	39.458	49.88		-5^{s}
8773	8.3	2.4280	+0.0020	+ 0.936	+0.353	25°3475
73.	8.21	3	18 10 42.320	25 45 13.92		
74.	7 29	3	42.202	13.41		
78.	7.29	3	42.303	12.86		
8774	9.5	2.4199	+0.0020	+ 0.941	+0.352	— —
74.	7.30	3	18 10 45.231	26 1 59.67		†
8775	9.5	2.2977	+0.0020	+ 0.947	+0 335	30°3160
73.	8. 7	3	18 10 49.733	30 6 53.53		
74.	8. 6	3	49.779	54.71		
78.	7.19	2	50.000	53.48		
81.	8.10	3	49.888	52.00		
8776	9.2	2.3551	+0.0020	+ 0.978	+0.343	28°2970
82.	8. 9	3	18 11 10.671	28 14 12.41		
85.	9. 4	5	10.759	14.18		
87.	8.31	7	10.810	13.95		
8777	9.3	2.3140	+0.0020	+ 0.980	+0.337	29°3222
74.	8. 3	3	18 11 11.954	29 35 17.91		
75.	7.24	3	12.189	17.58		
78.	8. 7	2	12.100	16.95		
8778	8.1	2.3583	+0.0020	+ 0.992	+0 343	28°2971
72.	7.15	3	18 11 20.542	28 7 57.21		
73.	7. 4	3	20.346	57.34		
74.	8.11	3	20.294	57.22		
75.	8. 2	3	20.336	57.68		
8779	9.4	2.3057	+0.0020	+ 0.995	+0.336	29°3223
74.	8.19	3	18 11 22 517	29 51 28.69		Z.C. δ 28″.7
77.	8.23	2	22.583	28.59		
78.	8.19	2	22.623	28.79		
8780	$9^{m}.4$	$2^{s}.3279$	$+0^{s}.0020$	+ 0″.997	+0″.338	29°3225
73.	8.22	3	$18^{h}11^{m}24^{s}.099$	29° 8′ 8″.96		
82.	7.28	2	24.182	10.61		$+1^{s}$
82.	8. 2	2	24.418	9.06		
8781	9.3	2.3639	+0.0020	+ 1.004	+0.344	27°2990
74.	7.17	3	18 11 29.080	27 56 52.91		
74.	9. 2	3	28.950	51.10		
75.	7.29	3	28.865	52.41		
8782	9.5	2.3212	+0.0020	+ 1.007	+0.338	— —
78.	7.20	3	18 11 31.003	29 21 27.11		† bad
8783	8.2	2.3904	+0.0020	+ 1.029	+0.348	27°2991
72.	7.22	3	18 11 45.818	27 3 14.92		
74.	8. 8	3	45.662	14.70		
75.	8.16	3	45.672	14.06		
79.	8.11	3	45.710	14.22		
8784	8.8	2.2969	+0.0020	+ 1.029	+0.334	30°3168
84.	7.17	5	18 11 45.738	30 8 36.11		Z.C. δ 36″.3
84.	7.19	3	45.821	37.66		
84.	8.23	7	45.656	35.01		
87.	7.29	5	45.872			δ rejected
8785	8.7	2.3998	+0.0020	+ 1.044	+0.349	26°3209
73.	8.14	3	18 11 56.224	26 43 55.24		Z.C. δ 55″.1
74.	8.28	3	56.201	55.43		
76.	8 11	3	56 368	54.16		$+20^{s}$
76.	8.22	3	56.311	54.40		
77.	8.17	3	56.292	56.00		
78.	8.29	3	56.213	55.56		
8786	9.1	2.4160	+0.0019	+ 1.057	+0.351	26°3210
81.	8.10	3	18 12 5.210	26 10 40.55		Z.C. δ 40″.9
82.	8. 9	3	5.342	41.26		
88.	8.29	5	5.301	40.88		
8787	9.3	2.4505	+0.0019	+ 1.062	+0.356	24°3374
73.	8.21	3	18 12 8.615	24 58 17.74		
74.	7.13	3	8.742	18.94		
78.	7.29	3	8.752	18.00		
8788	8.7	2.3148	+0.0020	+ 1.069	+0.337	29°3226
74.	8. 3	3	18 12 13.692	29 34 10.15		
74	8. 6	3	13.594	11.54		
75.	7.24	3	13.678	10.37		
88.	9. 6	4	13.626	10.34		
8789	9.3	2.4507	+0.0019	+ 1.084	+0.356	— —
74.	7.13	3	18 12 23.392	24 58 4.02		†
8790	9.3	2.3593	+0.0020	+ 1.085	+0.343	28°2974
72.	7.15	3	18 12 24.714	28 6 17.40		
73.	7. 4	3	24.578	16.95		
74.	8.11	3	24.541	18.43		
74.	8.21	3	24.677	18.64		
75.	8. 2	1	24.483	17.73		
8791	9.3	2.4208	+0.0019	+ 1.087	+0.352	— —
82.	8.15	3	18 12 25.934	26 0 37.04		
92.	8.12	7	26 065	37.54		

8792	$8^m.9$	$2^s.4197$	$+0^s.0019$	$+\ 1''.091$	$+0''.352$	26°3212
73	8.14	3	$18^h12^m28^s.210$	$26^\circ\ 2'\ 57''.19$		
74.	7.16	3	28.286	57.21		
74.	7.30	3	28.137	57.23		
74.	8.18	3	28.208	57.43		
76.	8.22	3	28.339	55.82		
82.	8.15	2	28.351	56.40		
8793	9.5	2.3183	+0.0020	+ 1.099	+0.337	— —
73.	8.22	1	18 12 34.065	29 27 33.14		†
8794	9.4	2.3168	+0.0020	+ 1.104	+0.337	29°3227
73	8. 7	3	18 12 37.096	29 30 25.46		†
92.	7.30	6	37.368	27.04		w. 4 + 1s
8795	8.9	2.3725	+0.0020	+ 1.109	+0.345	27°2994
72.	7.22	3	18 12 40.669	27 39 45.61		
74.	9. 2	3	40.591	44.45		
77.	7.12	3	40.620	46.00		
8796	9.5	2.3178	+0.0020	+ 1.112	+0.337	— —
73.	8.22	2	18 12 43.055	29 28 14.38		†
8797	9.0	2.4032	+0.0019	+ 1.117	+0.350	26°3215
74.	7.16	3	18 12 46.269	26 37 15.79		Z.C. δ 16″.2
74.	7.30	3	46.251	16.12		
74.	8.28	3	46.270	15.86		
77.	8.17	3	46.569	16.75		
78.	8.29	3	46.354	16.53		
8798	9.4	2.3000	+0.0020	+ 1.124	+0.335	30°3172
74.	8.19	3	18 12 51.117	30 2 61.25		
78.	7.19	3	51.320	62.44		
78.	8.19	3	51.043	61.07		
88.	8.22	6	51.196	59.10		
88.	8.25	7	51.176	59.94		
8799	9.0	2.3175	+0.0020	+ 1.148	+0.337	29°3229
74.	8. 6	3	18 13 7.122	29 29 11.65		Z.C. δ 10″.7
77.	8.23	3	7.475	9.82		
8800	9.0	2.3230	+0.0020	+ 1.150	+0.338	29°3230
74.	8. 3	2	18 13 8.878	29 18 26.23		
74.	8.19	3	8.925	26.64		
78.	8. 7	3	9.071	26.40		
8801	9.1	2.3430	+0.0020	+ 1.157	+0.340	28°2976
73.	8.15	3	18 13 13.404	28 39 3.39		
74.	8.11	3	13.485	2.68		
74.	8.21	3	13.531	3.46		
8802	8.5	2.4418	+0.0019	+ 1.157	+0.355	25°3481
73	8. 5	3	18 13 14.008	25 16 55.50		
92.	7.23	6	14.157	55.75		
8803	9.5	2.4295	+0.0019	+ 1.170	+0.353	25°3483
90	7.22	5	18 13 22.583	25 42 46.31		†
8804	9.3	2.4286	+0.0019	+ 1.175	+0.353	— —
74.	7.13	2	18 13 25.948	25 44 41.73		micr. D only
74.	7.24	3	26.042	40.88		

8805	$9^m.1$	$2^s.3896$	$+0^s.0019$	$+\ 1''.179$	$+0''.348$	27°2995
82.	8. 9	3	$18^h13^m28^s.765$	$27^\circ\ 5'\ 7''.10$		
84.	7.19	4	28.938	10.89		
85.	9. 4	5	28.944	7.75		
8806	9.4	2.3695	+0.0019	+ 1.184	+0.344	27°2996
79.	8. 4	3	18 13 32.335	27 46 11.05		†
8807	8.7	2.4386	+0.0019	+ 1.196	+0.354	25°3485
74.	7.29	3	18 13 40.496	25 23 52.15		
74.	8.20	3	40.587	52.61		
78.	7.29	3	40.769	52.04		
8808	9.2	2.4422	+0.0019	+ 1.211	+0.355	25°3486
73.	8.21	3	18 13 50.474	25 16 22.37		
84.	7.17	5	50.588	22.03		
84	7.21	4	50.709	20.64		− 1m
87.	8.24	7	50.621	22.08		
8809	8.7	2.3874	+0.0019	+ 1.213	+0.347	27°2997
74.	7.17	3	18 13 52.481	27 9 60.27		
74.	9. 2	3	52.575	59.12		
75.	8.16	3	52.526	59.82		
79.	8.11	3	52.606	60.13		
8810	9.5	2.3229	+0.0019	+ 1.227	+0.338	29°3233
73.	8 7	3	18 14 1.813	29 18 56.38		†
8811	9.5	2.3374	+0.0019	+ 1.235	+0.340	— —
73.	7. 4	3	18 14 7.518	28 50 32.56		†
8812	8.9	2.3163	+0.0020	+ 1.251	+0.337	29°3234
74.	8. 6	3	18 14 18.476	29 32 3.17		
74.	8.19	3	18.465	3.38		
75.	7.24	3	18.415	3.54		
77.	8.23	3	18.634	3.05		
88.	8.29	7	18.636	3.37		
8813	9.5	2.4236	+0.0019	+ 1.256	+0.352	25°3489
81.	8.10	3	18 14 21.977	25 55 35.87		
87.	7.21	7	22.098	38.33		
8814	9.1	2.4511	+0.0019	+ 1.269	+0.356	24°3384
84.	8.20	2	18 14 30.586	24 57 57.33		bad
84.	8.21	7	30.372	55.89		
84.	9. 5	5	30.427	56.09		
8815	9.1	2.3572	+0.0019	+ 1.272	+0.342	28°2978
82.	8. 9	3	18 14 32.415	28 11 6.79		
85	7.25	7	32.445	9.23		
87.	8.22	7	32.562	7.74		
8816	9.4	2.3689	+0.0019	+ 1.272	+0.344	27°2999
72.	7.22	2	18 14 32.783	27 47 47.41		
75.	7.29	3	32.978	48.02		
79.	8.11	2	32.900	46.45		
8817	9.1	2.3061	+0.0020	+ 1.280	+0.335	29°3235
84.	8.22	7	18 14 37.996	29 52 0.98		d. n.
84.	8.23	7	37.922	0.84		n. p.
87.	8.31	7	38.091	1.14		

8818 8$^{\mathrm{m}}$.2 2$^{\mathrm{s}}$.3794 +0$^{\mathrm{s}}$.0019 + 1″.280 +0″.346 27°3000

74 8. 8	3	18$^{\mathrm{h}}$ 14$^{\mathrm{m}}$ 38$^{\mathrm{s}}$.362	27° 26′ 39″.86	
75. 8.16	3	38.386	39.42	

8819 9.0 2.4290 +0.0019 + 1.283 +0.353 25°3491

73. 8. 5	3	18 14 40.520	25 44 29.53	+ 1 int
73. 8.21	3	40.495	29.92	

8820 8.9 2.3402 +0.0019 + 1.287 +0.340 28°2979

72. 7.15	3	18 14 42.939	28 45 12.09	− 1 int.
73. 8.15	3	42.643	12.59	
75. 8. 2	3	42.710	12.87	
78. 8.19	3	42.889	12.77	
78. 8.28	3	42.693	13.33	

8821 9.0 2.3658 +0.0019 + 1.293 +0.343 27°3001

74. 9. 2	3	18 14 47.087	27 54 10.43	Z.C. δ 10″.8
77. 7.12	3	47.292	11.31	
79. 8. 7	3	47.138	10.64	

8822 8.2 2.4366 +0.0019 + 1.315 +0.354 25°3493

73. 8. 5	3	18 15 2.133	25 28 38.42	− 5′
74. 8.20	3	2.169	39.83	c. d. s. f.
78. 7.29	3	2.144	39.05	

8823 6.5 2.3140 +0.0020 + 1 316 +0.336 29°3236

73. 8. 7	3	18 15 2.802	29 36 48.17	Z.C. δ 47″.7
73. 8.22	3	2.537	47.36	
75. 7.24	3	2.803	48.23	
78. 8.19	1	2.464	48.46	
79. 9. 3	3	2.765	46.41	

8824 8.4 2.4084 +0.0019 + 1.321 +0.350 26°3219

73. 8.14	3	18 15 6.338	26 27 17.34	
74. 7.16	3	6.363	17.93	
74. 7.30	3	6.411	17.98	
74. 8.28	3	6.415	17.82	
75. 8 25	3	6.456	16.73	
76. 8.22	3	6.577	17.16	

8825 8.2 2.3208 +0.0019 + 1.332 +0.337 29°3237

74. 8. 3	3	18 15 14.121	29 23 37.78	
74. 8. 6	3	14.118	38.72	
78. 8. 7	3	14.143	37.81	

8826 9.2 2.3318 +0.0019 + 1.336 +0.339 29°3238

74. 8. 3	2	18 15 16.220	29 2 8.04	Z.C. δ 8″.5
77 8.23	3	16.380	9.11	
88. 8.22	7	16.274	8.34	

8827 9.0 2.3228 +0.0019 + 1.336 +0.337 29°3239

74. 8.19	3	18 15 16.417	29 19 43.85	
84. 7.19	5	16.417	46.45	
84. 8.29	7	16.430	44.61	− 1$^{\mathrm{m}}$

8828 9.1 2.3740 +0.0019 + 1.357 +0.345 27°3002

81. 8.10	3	18 15 31.011	27 37 43.80	
84. 7.21	5	31.309	44.46	
85. 9. 4	4	31.085	44.57	

8829 7.0 2.3350 +0.0019 + 1.360 +0.339 28°2980

73. 8.15	3	18 15 33 220	28 55 45.36	
74. 8.11	3	33.322	43.90	
75. 8. 2	3	33.199	44.53	
78. 8.28	3	33.378	44.88	
79. 8.30	3	33.273	43.89	

8830 9$^{\mathrm{m}}$.1 2$^{\mathrm{s}}$.4158 +0$^{\mathrm{s}}$.0019 + 1″.380 +0″.351 26°3221

82. 8. 9	3	18$^{\mathrm{h}}$ 15$^{\mathrm{m}}$ 46$^{\mathrm{s}}$.823	26° 12′ 21″.15	
84. 7.17	5	46.839	22.90	
88. 8.25	7	46.771	20.84	

8831 7.0 2.3788 +0.0019 + 1.386 +0.346 27°3003

72. 7.22	3	18 15 51.362	27 28 17.16	
74. 7.17	3	51.281	17.57	
75 7.29	3	51.218	16.83	
78. 8.29	3	51.222	16.45	

8832 9.1 2.3102 +0.0019 + 1.397 +0.335 29°3240

82. 7.28	3	18 15 58.420	29 44 39.66	
82. 8.23	3	58.512	38.71	

8833 5.8 2.3085 +0.0019 + 1.411 +0.335 29°3241

73. 8.22	3	18 16 8.212	29 48 1.73	
75. 7.24	3	8.332	2.59	
78. 8.28	2	8.248	2.03	

8834 5.0 2.3387 +0.0019 + 1.411 +0.340 28°2981

72. 7.15	3	18 16 8.622	28 48 42.59	
73. 7. 4	3	8.581	42.64	
73. 7. 4	2	8.701	42.12	
74. 8.21	3	8 627	42.44	
75. 8 2	2	8.628	42.70	

8835 8.5 2.3548 +0.0019 + 1.420 +0.342 28°2982

73. 8.15	3	18 16 14.475	28 16 38.75	c. d. s.
74. 8.11	3	14.626	38.68	
78. 7.18	3	14.599	39.61	
90. 7.22	7	14.711	39.64	

8836 8.4 2.4030 +0.0019 + 1.421 +0.349 26°3222

73. 8.14	3	18 16 15.224	26 38 58.38	Z.C. δ 58″.9
74. 8.18	3	15.358	58.79	Z.C. Ep. 75.5
74. 8.28	3	15.306	58.51	
75. 8.25	3	15.285	58.99	
76. 8.22	3	15.202	59.67	
77. 8.17	3	15.480	59.18	

8837 8.9 2.3246 +0.0019 + 1.427 +0.338 29°3242

74. 8.19	3	18 16 19.191	29 16 37.44	
78. 8. 7	3	19.347	36.89	

8838 7.5 2.4504 +0.0018 + 1.430 +0.356 24°3395

73. 8.21	3	18 16 21.277	24 59 56.93	
82. 8. 2	2	21.326	57.87	

8839 9.0 2.4220 +0.0019 + 1.440 +0.352 25°3501

82. 8.11	2	18 16 28.103	25 59 49.48	
82. 8.15	3	28.103	48.23	
84. 9. 5	5	28.104	48.90	

8840 8.5 2.3425 +0.0019 + 1.441 +0.340 28°2983

74. 8.11	1	18 16 29.225	28 41 28.74	
82. 8. 2	2	29.008	29.53	
82. 8.11	2	28.904	29.60	+ 1$^{\mathrm{m}}$

8841 9.0 2.3705 +0.0019 + 1.448 +0.344 27°3005

77. 7.12	3	18 16 33.912	27 45 30.51	Z.C. δ 30″.6
79. 8. 7	3	33.962	30.61	
79. 8.11	3	33.865	30.66	

8842	$9^{\mathrm{m}}.4$		$2^{\mathrm{s}}.3971 + 0^{\mathrm{s}}.0019$	$+ 1''.464 + 0''.348$		26°3224
	82. 7.26	3	$18^{\mathrm{h}}16^{\mathrm{m}}44^{\mathrm{s}}.534$	$26°51'21''.75$	§	
	82. 8.23	3	44.514	20.37		
	92. 8.12	7	44.474	19.89		
8843	8.7		2.3272 +0.0019	+ 1.482 +0.338		29°3244
	82. 7.28	3	18 16 57.422	29 11 47.67		
	82. 8.11	1	57.423	47.57		
	82. 9. 9	3	57.357	47.24		
8844	8.0		2.3029 +0.0019	+ 1.502 +0.334		29°3245
	74. 8. 3	3	18 17 11.098	29 59 10.34		
	74. 8. 6	3	11.046	9.92		
	74. 8.19	1	11.174	8.52		
	82. 8.15	2	11.265	8.30	$+ 10^{\mathrm{s}}$	
	82. 8.23	1	11.246	10.03		
	82. 9. 7	3	11.182	9.31		
8845	9.5		2.3359 +0.0019	+ 1.518 +0.339		28°2984
	72. 7.15	3	18 17 21.722	28 54 49.72		
	73. 8.15	3	21.625	51.25		
	78. 7.18	3	21.590	50.46		
8846	9.0		2.3780 +0.0019	+ 1.524 +0.345		— ---
	74. 7.17	3	18 17 25.688	27 30 39.00	†	
8847	8.9		2.4000 +0.0018	+ 1 539 +0.348		26°3229
	73. 8.14	3	18 17 36.263	26 45 45.60	Z.C.δ $45''.1$	
	76. 8.22	3	36.390	43.03		
	77. 8.17	3	36.399	45.14		
	84. 8.23	7	36.434	44.19		
	92. 8.15	4	36.446	47.60		
8848	9.1		2.3618 +0.0018	+ 1.540 +0.343		28°2985
	84. 7.19	4	18 17 36.999	28 3 33.69		
	84. 8.21	7	36.948	31.29		
8849	8.7		2.4174 +0.0018	+ 1.544 +0.351		26°3230
	78. 8.29	3	18 17 39.990	26 9 51.43		
	84. 7.17	5	40.066	53.32		
	84. 7.21	7	40.053	51.76		
8850	9.0		2.4122 +0.0018	+ 1.546 +0.350		26°3231
	74. 7.16	3	18 17 41.183	26 20 33.03		
	92. 8.16	5	41.368	32.56		
8851	9.3		2.4425 +0.0018	+ 1.550 +0.355		25°3504
	93. 7.17	7	18 17 43.506	25 17 22.00		
	93. 7.20	7	43.653	21.63		
8852	9.5		2.4226 +0.0018	+ 1.550 +0.352		25°3505
	74. 7.24	3	18 17 43.588	25 59 8.85	Z.C.α $43^{\mathrm{s}}.72$	
	93. 7.24	7	43.669	9.43		
	93. 7.27	5	43.907	10.71		
8853	9.0		2.3015 +0.0019	+ 1.553 +0.334		30°3187
	81. 8.10	3	18 17 45.875	30 2 6.41		
	85. 9. 3	5	45.877	6.63		
					Z C.δ $30°2'6''.5$	
8854	8.7		2.3797 +0.0018	+ 1.564 +0.345		27°3007
	72. 7.20	3	18 17 53.886	27 27 22.08		
	72. 7.22	3	53.621	23.05		
	75. 7.29	3	53.690	22.72		
	79. 8. 4	3	53.905	22.98		
	79. 8.11	3	53.766	21.85		
8855	$9^{\mathrm{m}}.2$		$2^{\mathrm{s}}.2992 + 0^{\mathrm{s}}.0019$	$+ 1''.573 + 0''.333$		30°3188
	82. 8. 9	3	$18^{\mathrm{h}}17^{\mathrm{m}}59^{\mathrm{s}}.890$	$30°\ 6'51''.70$	†	
8856	8.8		2.3010 +0.0019	+ 1.591 +0.334		30°3190
	85. 9. 4	1	18 18 12.151	30 3 33.44		
	92. 8.17	6	12.182	31.66		
8857	8.1		2.3243 +0.0019	+ 1.594 +0.337		29°3247
	74. 8. 6	3	18 18 14.102	29 18 10.35		
	78. 8.28	3	14.119	10.01		
	82. 8. 2	2	14.159	9.41		
8858	8.7		2.4242 +0.0018	+ 1.603 +0.352		25°3509
	84. 9. 5	5	18 18 20.131	25 56 0.09		
	87. 8.22	7	20.157	0.24		
	92. 8.20	7	20.119	0.81		
8859	9.1		2.3283 +0.0019	+ 1.606 +0.338		29°3248
	82. 7.28	3	18 18 22.437	29 10 27.44		
	92. 9. 3	4	22.452	27.33		
8860	8.8		2.4119 +0.0018	+ 1.606 +0.350		26°3233
	73. 8.14	3	18 18 22.582	26 21 35.55		
	74. 7.16	3	22.472	36.06		
	87. 8.31	5	22.562	35.15		
8861	9.3		2.3797 +0.0018	+ 1.606 +0.345		27°3008
	74. 7.17	3	18 18 22.659	27 27 36.77		
	79. 8. 4	3	22.723	35.47		
8862	8.7		2.4365 +0.0018	+ 1.617 +0.354		25°3510
	92. 8.11	7	18 18 29.736	25 30 10.36		
	92. 8.15	5	29.721	10.90		
8863	8.2		2.3802 +0.0018	+ 1.619 +0.345		27°3010
	74. 7.17	2	18 18 31.009	27 26 41.11	Z.C.δ $41''.3$	
	75. 7.29	2	30.990	41.11		
	77. 7.12	3	31.089	41.67		
8864	9.0		2.3312 +0.0019	+ 1.623 +0.338		29°3251
	82. 7.26	3	18 18 33.839	29 4 48.65	§	
	82. 9. 9	3	33.816	46.41		
	92. 8.25	7	33 817	46.65		
8865	9.2		2.3324 +0.0019	+ 1.640 +0.338		29°3252
	74. 8. 3	3	18 18 45.922	29 2 22.04		
	82. 7.26	3	46.149	24.28	§	
	82. 8.11	3	46.053	22.36		
8866	9.3		2.3617 +0.0018	+ 1.646 +0.343		28°2989
	74. 8.11	3	18 18 50 224	28 4 15.15		
	75. 8. 2	3	50.155	14.22		
	82. 8. 9	3	50.309	14.71		
8867	9.2		2.4417 +0.0018	+ 1.649 +0.354		25°3512
	74. 7.24	3	18 18 52.163	25 19 34.13		
	81. 8.10	3	51.949	36.19		
8868	9.5		2.3712 +0.0018	+ 1.655 +0.344		27°3011
	72. 7.20	3	18 18 56.057	27 45 3.71	†	
8869	9.5		2.3994 +0.0018	+ 1.673 +0.348		26°3237
	78. 8.29	3	18 19 8.634	26 47 44.43	[doubtful	
	93. 7. 7	7	7.939	42.70	Microm.	

8870 8^{m}1 2^{s}4148 +0^{s}0018 + 1″679 +0″350 26°3238

74. 7.16	3	18^h 19^m 12^{s}594	26° 15′ 54″76	
82. 8.15	3	12.720	53.53	
82. 9. 8	3	12.714	54.42	
92. 8.17	2	12.694	55.55	

8871 9.0 2.3567 +0.0018 + 1.683 +0.342 28°2992

72. 7.15	3	18 19 15.636	28 14 19.62	
73. 8.15	2	15.238	20.95	
75. 8. 2	3	15.126	19.90	
82. 7 28	1	15.477	22.15	bad

8872 8.9 2.3572 +0.0018 + 1.685 +0.342 28°2993

73. 8.15	2	18 19 16.959	28 13 24.12	
82. 7 28	3	17.064	24.39	
82. 8. 2	2	16.896	23.55	
82. 9. 9	3	16.813	23.93	

8873 9.0 2.3719 +0.0018 + 1.686 +0.344 27°3013

72. 7.22	3	18 19 17.331	27 43 52.25	
74. 9. 2	1	17.401	52.23	

8874 9.1 2.3309 +0.0019 + 1.693 +0.338 29°3253

74. 8. 3	3	18 19 21.839	29 5 47.56	
74. 8. 6	3	22.276	45.68	
78. 8.28	3	21.727	46.04	

8875 9.2 2.3725 +0.0018 + 1.695 +0.344 27°3014

92. 8.12	5	18 19 23.829	27 42 43.80	
92. 9. 3	5	23.746	43.35	

8876 8.9 2.4382 +0 0018 + 1.697 +0.354 25°3515

74. 7.13	3	18 19 24.582	25 27 12.59	
82. 8 11	3	24.694	13.13	
84. 7.19	7	24.803	14.93	
84. 8.21	3	24.679	12.55	

8877 9.2 2.4148 +0.0018 + 1.730 +0.350 26°3243

74. 7 16	1	18 19 47.323	26 16 16.87	
82. 8.23	3	47.530	16.11	
83. 8.16	7	47.772	17.85	

8878 9.1 2.4363 +0.0018 + 1.731 +0.353 25°3517

84. 7.17	7	18 19 48.510	25 31 25.16	
84. 8.22	5	48.223	25.09	

8879 9.0 2.3772 +0.0018 + 1.747 +0 345 27°3015

79. 8. 4	3	18 19 59.612	27 33 32.00	
79. 8.11	3	59.383	32.44	

8880 6.5 2.3840 +0.0018 + 1.748 +0.346 27°3016

77. 7.12	3	18 20 0.509	27 19 37.25	Z.C. δ 36″7
78 8.29	3	0.278	36.49	
79. 8. 7	3	0.359	36.28	

8881 9.1 2.3673 +0.0018 + 1.753 +0.343 27°3017

75. 7.29	3	18 20 3.859	27 53 25.10	
92. 8. 5	6	3.861	24.69	

8882 9.1 2.3985 +0.0018 + 1.760 +0.348 26°3245

84. 8.23	5	18 20 8.163	26 49 60.15	
85. 9. 3	5	8.082	59.26	c. d. s.

8883 9^{m}0 2^{s}4037 +0^{s}0018 + 1″762 +0″348 26°3246

82. 8. 9	3	18^h 20^m 10^{s}104	26° 39′ 26″51	Z.C. δ 26″9
84. 8.29	5	10.040	26.89	
84. 9. 5	5	10.007	27.44	

8884 Not found on revision 97.8.18: not found on Oxford photograph 97.8.3. The place given is due to a misreading of a badly formed figure: see 8885

8885 9.1 2.4356 +0.0018 + 1.766 +0.353 25°3518

74. 7.13	3	18 20 12.730	25 33 0.47	
79. 8.29	2	12.816	1.25	
83. 8. 9	3	12.623	1.94	§

8886 9.4 2.4491 +0.0018 + 1.770 +0.355 25°3519

73. 8.21	2	18 20 14.980	25 4 35.41	
74. 7.24	3	14.980	32.80	

8887 8.1 2.4223 +0.0018 + 1.774 +0.351 26°3247

73. 8. 9	3	18 20 17.949	26 0 54.54	
73. 8.14	3	17.806	55.15	
74 8.18	3	17.751	55.49	
74. 8.28	3	17.672	55.02	
76. 8.11	1	17.923	53.18	
82. 8.21	3	17.824	55.26	
92. 7.23	4	17.867	55.55	clds: −1 int.

8888 8.0 2.3638 +0.0018 + 1.784 +0.343 28°2996

74. 8.11	3	18 20 24.681	28 0 48.00	
74. 8.21	2	24.887	47.85	§
76. 8.16	3	24.856	47 88	
79. 8.28	1	25.038	48.65	−10^s
79. 9. 3	3	25.067	48.22	

8889 8.0 2.4247 +0.0018 + 1.785 +0.351 25°3520

74. 7.29	3	18 20 25.189	25 55 54.63	Z.C. δ 54″2
74 8.20	2	25.351	52.95	
81. 9.23	2	25.242	54.84	
82. 9. 8	2	25.280	54.14	
82. 9. 9	2	25.234	54.43	

8890 9.0 2.4226 +0.0018 + 1.790 +0.351 25°3521

73. 8.14	3	18 20 29.217	26 0 23.41	
92. 8 11	5	29.108	21.15	

8891 9.4 2.3673 +0.0018 + 1.790 +0.343 27°3018

74 9. 2	1	18 20 29.133	27 53 48.33	
79. 8.11	2	29.275	48.05	

8892 9.1 2.3073 +0.0018 + 1.797 +0.335 29°3254

74. 8. 6	3	18 20 33.781	29 52 44.87	
74. 8.19	3	33.843	44.69	
78. 8.19	3	33.896	43.79	

8893 9.3 2.4517 +0.0017 + 1.802 +0.355 24°3414

85. 9. 4	5	18 20 37.030	24 59 11.36	†

8894 8.1 2.3756 +0.0018 + 1.802 +0.344 27°3019

72. 7.20	3	18 20 37.367	27 37 10.91	
72. 7.22	3	37.401	11.23	
74. 8. 8	2	37.282	11.11	
79. 8.30	3	37.384	11.24	
86. 9.11	7	37.308	11.35	
87. 8.22	5	37.343	11.91	

8895 $9^{m}.5$ $2^{s}.3311$ $+0^{s}.0018$ + 1″.810 +0″.338 29°3255

74. 8. 3	3	$18^{h}20^{m}42^{s}.611$	29°. 6′ 15″.95	Z.C. α $42^{s}.80$
78. 8.28	3	42.821	16.25	
82. 8. 2	2	42.908	15.04	
82. 8.11	3	42.792	15.60	−30′
82. 8 15	3	42.844	14.42	

8896 8.8 2.4059 +0.0018 + 1.811 +0.349 26°3250

74. 7.30	3	18 20 43.355	26 35 12.04	
75. 8.25	3	43.324	12.02	
77. 8.30	3	43.359	11.51	

8897 9.0 2.3933 +0.0018 + 1.820 +0.347 27°3020

73. 8. 6	3	18 20 49.574	27 1 10.45	
87. 8.24	5	49.582	11.82	
87. 8.25	5	49.570	10.56	

8898 8.2 2.3240 +0.0018 + 1.830 +0.337 29°3257

73. 8. 7	3	18 20 56.383	29 20 12.24	Z.C. δ 11″.9
78. 8. 7	3	56.313	11.74	
78. 8.28	2	56.437	12.57	
81. 8.10	3	56 418	11.21	

8899 9.2 2.3034 +0.0018 + 1.831 +0.334 30°3201

84. 8.21	3	18 20 57.133	30 0 20.87	
87. 8.31	5	57.306	22.53	
88. 8.22	7	57.213	21.56	

8900 9.5 2.4242 +0.0018 + 1.839 +0.351 25°3522

73. 8. 5	3	18 21 2.511	25 57 24.09	
80. 8.28	2	2.556	24.17	

8901 9.5 2.3705 +0.0018 + 1.847 +0.343 27°3021

74. 8.25	1	18 21 8.593	27 47 39.03	
92. 8.20	7	8.588	40.16	

8902 8.7 2.4006 +0.0018 + 1.848 +0.348 26°3253

74. 8.28	3	18 21 9.085	26 46 25.76	
75. 8.25	3	9.197	25.02	
78. 8. 8	3	9.153	25.70	
79 8.25	2	9.221	25.52	$+1^{s}$

8903 6.0 2.3111 +0.0018 + 1.849 +0.335 29°3259

73. 8.22	3	18 21 9.517	29 45 29.63	
74. 8. 3	2	9.437	29.85	
74. 8. 6	3	9.592	30.24	
75. 7.24	1	9.675	28.88	
76. 8.17	3	9.482	29.43	

8904 9.0 2.4471 +0.0017 + 1 852 +0.354 25°3524

78. 7.29	3	18 21 11 882	25 9 15.75	
79. 8.29	1	12.045	15.93	
80. 8.23	3	11.922	16.47	
82. 9. 7	3	11.906	16.79	

8905 8.9 2.4269 +0.0018 + 1.853 +0.352 25°3525

82. 7.26	3	18 21 12.429	25 51 45.86	§
83. 8.28	7	12.342	42 94	-1^{s}
92. 8.15	7	12.333	43.48	

8906 7.0 2.4185 +0.0018 + 1.860 +0.350 26°3255

74. 8.18	2	18 21 17.234	26 9 20.90	Z.C. δ 20″.4
77. 8.17	3	17.212	19.89	

8907 $9^{m}.5$ $2^{s}.4349$ $+0^{s}.0018$ + 1″.863 +0″.353 25°3526

82. 8.23	3	$18^{h}21^{m}19^{s}.441$	25° 35′ 9″.62	
83. 8. 9	2	19.330	9.48	

8908 8.2 2.3610 +0.0018 + 1.871 +0.341 28°3000

72. 7.15	3	18 21 25.134	28 7 3.89	
74. 8.11	2	25.085	5.04	
75. 8. 2	3	25.022	3.48	
75. 9.15	3	25.199	4.54	
79. 8.21	3	25.338	4.76	
85. 9. 1	5	25.058	2.85	
92. 8. 5	2	25.075	5.07	

8909 9.0 2.4158 +0.0018 + 1.874 +0.350 26°3256

74. 7.16	2	18 21 26.963	26 15 8.57	Z.C. δ 8″.1
77. 8.17	2	26.955	7.87	
77. 8.30	3	27.127	7.78	

8910 6.3 2.4119 +0.0018 + 1.875 +0 349 26°3257

74. 7.30	3	18 21 27.700	26 23 18.91	Z.C. δ 18″.2
79. 8. 6	3	27.601	18.13	
83. 9. 5	3	27.689	17.69	

8911 8.5 2.3861 +0.0018 + 1.880 +0.346 27°3023

74. 7.17	3	18 21 30.812	27 16 18.99	
78. 8.29	3	30.839	17.77	
79. 8. 4	2	30.733	17.80	

8912 9.2 2.3855 +0.0018 + 1.886 +0.346 27°3024

74. 7.17	2	18 21 34.901	27 17 38.11	
75. 7.29	3	34.933	38.07	
78. 8. 8	2	34.873	37.80	
78. 8.29	3	34.933	37.70	

8913 6.5 2.4123 +0.0017 + 1.892 +0.349 26°3259

75. 8.25	1	18 21 39.268	26 22 33.19	
79. 8. 6	1	39.241	33.56	
79. 8.25	2	39.462	35.07	
80. 8.23	3	39.195	33.47	
82. 7.28	2	39.106	34.56	
83. 9. 3	4	39.341	33.92	

8914 8.9 2.4260 +0.0017 + 1.894 +0.351 25°3527

73. 8.21	2	18 21 40.263	25 54 2.60	Z.C. α $40^{s}.35$
84. 7.21	7	40.437	1.23	−5′

8915 9.2 2.3682 +0.0018 + 1.895 +0.343 27°3025

84. 8.22	5	18 21 41.351	27 52 37.50	
85. 9. 3	5	41.374	37.80	

8916 9.3 2.4120 +0.0017 + 1.898 +0.349 26°3260

76. 8.11	1	18 21 43.311	26 23 3.31	
82. 7.28	1	43.367	4.09	

8917 9.2 2.4537 +0.0017 + 1.903 +0.355 24°3419

85. 9. 9	5	18 21 46.904	24 55 37.09	†

8918 9.0 2.3063 +0.0018 + 1.908 +0.334 29°3261

73. 8.30	3	18 21 50.111	29 55 20.74	
74. 8.19	3	49.949	22.66	
77. 8.23	3	50.089	22.15	-1^{s}

8919 Not found on revision: not found on Oxford photograph 93.8.5. The catalogue place is 1 int. wrong: see appendix 8912^{a}.

8920 $8^{\mathrm{m}}6$ $2^{\mathrm{s}}4290$ $+0^{\mathrm{s}}0017$ + $1''916$ $+0''352$ 25°3528

74. 7.13	1	$18^{\mathrm{h}}21^{\mathrm{m}}55^{\mathrm{s}}882$	25° 47′ 49″60	
74. 7.24	2	56.037	47.44	
78. 7.29	2	56.003	47.34	
81. 8.10	3	55.937	48.22	

8921 9.0 2.4281 +0.0017 + 1.920 +0.352 25°3529

73. 8. 9	3	18 21 58.305	25 49 51.93	Z.C. α 58ˢ29
74. 7.13	3	58.293	51.57	+ 5′
74. 7.24	3	58.326	49.58	
82. 8. 2	2	58.220	51.34	

8922 9.0 2.4295 +0.0017 + 1.924 +0.352 25°3530

73. 8. 5	3	18 22 1.347	25 46 45.36	
82. 7.26	3	1.487	46.60	§
82. 8.15	3	1.322	44.81	

8923 9.1 2.4130 +0.0017 + 1.937 +0.350 26°3264

80. 8.24	3	18 22 10.479	26 21 10.46	
82. 8. 9	3	10.595	9.96	

8924 9.0 2.3585 +0.0018 + 1.950 +0.341 — —

84. 8.23	5	18 22 19.491	28 12 32.92	+5′
92. 8.12	7	19.590	33.30	Z.C. α 19ˢ54

8925 8.9 2.3188 +0.0018 + 1.953 +0.336 29°3262

73. 8. 7	3	18 22 21.259	29 31 17.16	
73. 8.22	3	21.397	18.60	
74. 9.12	3	21.370	16.82	
76. 8.17	3	21.267	17.58	
78. 8.19	3	21.345	18.50	

8926 9.0 2.4548 +0.0017 + 1.954 +0.355 24°3421

74. 7.29	3	18 22 21.942	24 53 43.30	
74. 8.20	3	22.106	44.35	
79. 8.29	2	22.002	43.10	

8927 9.0 2.3595 +0.0018 + 1.955 +0.341 28°3001

85. 9. 4	5	18 22 22.408	28 10 37.56	
96. 6. 5	7	22.438	34.83	
96. 6.15	7	22.268	37.12	
96. 7. 6	4	22.411	36.77	
96. 7.10	7	22.331	37.17	

8928 9.4 2.3747 +0.0018 + 1.957 +0.344 27°3027

72. 7.20	3	18 22 23.840	27 39 56.14	
79. 8. 7	3	23.771	56.80	
92. 8.17	4	23.742	54.42	

8929 8.6 2.3391 +0.0018 + 1.958 +0.339 28°3002

73. 8.15	3	18 22 24.992	28 51 13.07	Z.C. α 25ˢ07
74. 8.11	3	24.933	12.15	
75. 8. 2	3	25.024	12.56	
75. 9.15	3	25.188	12.33	
76. 8.16	3	25.195	12.68	
79. 8.28	3	25.114	12.31	
82. 8.11	3	25.024	13.96	

8930 9.2 2.4119 +0.0017 + 1.959 +0.349 26°3265

74. 7.30	2	18 22 25.228	26 23 35.96	Z.C. δ 36″7
74. 8.28	3	25.316	35.73	
77. 8.30	2	25.415	36.82	
80. 8.28	1	25.285	37.11	
82. 9. 7	3	25.232	37.75	

8931 $9^{\mathrm{m}}1$ $2^{\mathrm{s}}4499$ $+0^{\mathrm{s}}0017$ + $1''965$ $+0''355$ 25°3533

84. 8.29	5	$18^{\mathrm{h}}22^{\mathrm{m}}29^{\mathrm{s}}519$	25° 4′ 4″08	
84. 9. 5	5	29.418	3.83	
87. 8.29	4	29.431	3.90	
88. 8.25	7	29.461	4.22	

8932 9.0 2.3819 +0.0018 + 1.968 +0.345 27°3029

74. 8. 8	3	18 22 31.292	27 25 20.20	
92. 8.16	6	31.411	18.98	

8933 9.5 2.3753 +0.0018 + 1.969 +0.344 27°3030

72. 7.22	3	18 22 32.616	27 38 51.00	†

8934 8.6 2.4372 +0.0017 + 1.981 +0.353 25°3535

73. 8.21	1	18 22 40.368	25 31 3.63	
74. 9.14	3	40.259	3.34	
81. 9.15	3	40.306	3.75	
82. 8.11	1	40.165	3.20	
82. 9. 9	3	40.244	3.41	

8935 9.5 2.4201 +0.0017 + 1.994 +0.350 26°3266

73. 8. 6	3	18 22 49.630	26 6 55.97	
73. 8.14	3	49.552	55.03	

8936 9.1 2.3449 +0.0018 + 2.008 +0.339 28°3003

81. 8.10	3	18 22 59.387	28 40 9.78	Z.C. δ 10″3
84. 8.21	5	59.253	10.71	
87. 8.22	5	59.311	10.39	

8937 9.0 2.4030 +0.0018 + 2.009 +0.348 26°3267

74. 7.28	3	18 22 60.084	26 42 25.11	
75. 8.25	3	59.949	25.93	
87. 8.31	4	60.010	25.93	
90. 7.22	7	60.053	25.98	

8938 9.1 2.4057 +0.0018 + 2.012 +0.349 26°3268

74. 8.18	3	18 23 1.886	26 36 54.41	Z.C. δ 54″7
77. 8.17	3	1.908	54.62	
79. 8. 4	2	2.032	54.99	

8939 9.1 2.3930 +0.0018 + 2.012 +0.347 27°3032

74. 7.17	3	18 23 1.967	27 2 58.85	
74. 9. 2	3	1.909	57.62	
75. 7.29	3	2.108	58.66	
79. 8.11	3	2.036	57.76	§
79. 8.30	3	1.970	57.68	

8940 8.7 2.4019 +0.0018 + 2.023 +0.348 26°3269

74. 8.28	2	18 23 9.227	26 44 46.73	
79. 8.25	2	9.446	46.21	

8941 9.0 2.3495 +0.0018 + 2.028 +0.340 28°3004

72. 7.15	3	18 23 12.775	28 31 8.05	
74. 8.11	3	12.570	9.19	
74. 8.21	2	12.819	9.46	
76. 8.16	3	12.557	9.35	
79. 8.21	3	12.660	9.28	
79. 8.28	2	12.745	9.44	

8942 8.6 2.4145 +0.0017 + 2.051 +0.350 26°3271

73. 8.14	3	18 23 28.860	26 18 46.43	Z.C. Ep. 79.0
74. 7.30	1	29.057	46.45	
88. 8.29	5	29.104	46.33	

8943	$8^{\mathrm{m}}9$	$2^{\mathrm{s}}3380$	$+0^{\mathrm{s}}0018$	+ 2″055	+0″338	28°3005
	73. 8.15	3	$18^{\mathrm{h}}23^{\mathrm{m}}31^{\mathrm{s}}826$	28° 54′ 12″14		
	75. 8. 2	3	31.789	12.57		− 5′
	77. 8.15	3	31.923	12.50		
	78. 8.19	2	31.922	12.20		
8944	8.5	2.3060	+0.0018	+ 2.057	+0.333	29°3264
	73. 8.22	3	18 23 33.078	29 56 52.43		Z.C. δ 52″2
	73. 8.30	3	33.133	51.27		
	74. 8. 6	3	33.132	53.51		
	74. 8.19	3	32.922	52.62		
	75. 7.24	3	33.141	51.69		
	78. 8. 7	3	33.098	51.41		
	78. 8. 7	2	33.218	52.40		
8945	8.9	2.3014	+0.0018	+ 2.072	+0.333	30°3211
	74. 8. 3	3	18 23 43.420	30 5 56.43		
	74. 8.19	3	43.468	56.59		
	76. 8.17	3	43.605	55.99		
	88. 9. 6	5	43.659	56.18		
8946	9.5	2.4150	+0.0017	+ 2.080	+0.349	— —
	73. 8. 6	3	18 23 48.638	26 18 8.76		†
8947	9.2	2.3437	+0.0018	+ 2.080	+0.339	28°3006
	84. 7.21	4	18 23 49.000	28 43 1.78		
	84. 8.22	5	48.862	1.75		
	87. 8.24	7	48.955	1.22		
	87. 8.25	5	48.944	0.58		
8948	9.2	2.3424	+0.0018	+ 2.082	+0.339	28°3007
	85. 9. 1	3	18 23 50.285	28 45 39.03		
	85. 9. 3	5	50.317	40.15		
8949	9.0	2.3238	+0.0018	+ 2.092	+0.336	29°3267
	73. 8. 7	3	18 23 56.954	29 22 29.61		Z.C. δ 29″8
	74. 9.12	3	56.825	30.07		
	77. 8.23	3	56.966	29.78		
8950	9.1	2.4408	+0.0017	+ 2.093	+0.353	25°3537
	73. 8. 5	3	18 23 57.475	25 24 4.95		
	74. 7.29	3	57.416	4.36		
	80. 8.24	3	57.443	4.18		
	82. 8.15	3	57.575	3.48		+ 1′
	83. 8.28	7	57.566	4.28		
8951	9.1	2.3156	+0.0018	+ 2.100	+0.335	29°3268
	85. 9. 4	3	18 24 2.647	29 38 43.20		
	85. 9. 9	5	2.687	42.16		
	85. 9.11	5	2.633	40.69		
8952	9.3	2.3240	+0.0018	+ 2.104	+0.336	— —
	73. 8. 7	3	18 24 5.534	29 22 8.58		Z.C. δ 8″5
	77. 8.23	3	5.556	8.39		
8953	9.0	2.3399	+0.0018	+ 2.109	+0.339	28°3008
	72. 7.15	2	18 24 8.711	28 50 55.91		
	73. 8.15	3	8.448	56.08		
	74. 8.21	3	8.458	55.84		
	76. 8.16	3	8.578	55.54		
	79. 8.21	3	8.692	56.15		
	79. 8.28	2	8.616	56.38		
	79. 8.30	3	8.401	55.04		
8954	$9^{\mathrm{m}}0$	$2^{\mathrm{s}}4278$	$+0^{\mathrm{s}}0017$	+ 2″110	+0″352	25°3538
	73. 8. 9	3	$18^{\mathrm{h}}24^{\mathrm{m}}\ 9^{\mathrm{s}}388$	25° 51′ 29″18		Z.C. δ 28″3
	74. 8.20	3	9.390	28.57		
	75. 9 16	3	9.386	28.18		
	79. 8.29	2	9.383	27.27		
8955	9.3	2.4147	+0.0017	+ 2.119	+0.349	26°3274
	92. 8.25	7	18 24 16.143	26 19 7.05		†
	95 7. 1	7	15.636	7.37		
	95. 7.20	7	15.857	7.84		
8956	9.2	2.3819	+0.0017	+ 2.121	+0.344	27°3036
	72. 7.22	3	18 24 17.452	27 26 36.98		Z.C. δ 35″5
	74. 8.25	3	17.349	35.45		
	90. 8.30	5	17.474	34.09		
8957	9.0	2.4197	+0.0017	+ 2.123	+0.350	26°3275
	78. 8.29	3	18 24 18.735	26 8 46.86		
	79. 8. 4	3	18.822	45.98		
	79. 8. 6	3	18.857	46.45		
	80. 8.23	3	18.661	46.12		
	82. 8.21	3	18.706	46.09		
	82. 8.23	3	18.654	46.19		
	82. 9. 4	3	18.855	45.99		
	82. 9. 7	3	18.792	47.17		
8958	6.8	2.3210	+0.0018	+ 2.127	+0.336	29°3269
	73. 8.22	3	18 24 21.252	29 28 16.14		
	74. 8. 3	3	21.208	15.47		
	74. 8.19	1	21.382	15.94		
8959	9.3	2.4152	+0.0017	+ 2.127	+0.349	26°3276
	76. 8.11	3	18 24 21.461	26 17 58.18		†
8960	8.4	2.3096	+0.0018	+ 2.128	+0.334	29°3270
	73. 8.30	2	18 24 21.775	29 50 31.03		
	74. 8. 6	2	21.713	32.21		
	74. 9.12	2	21.773	31.52		
8961	9.0	2.3839	+0.0017	+ 2.130	+0.344	27°3037
	72. 7.20	3	18 24 23.226	27 22 23.47		
	74. 8. 8	3	23.178	23.64		
	74. 8.25	3	23.280	23.34		
	78. 8. 8	3	23.339	22.62		
	79. 8. 7	3	23.192	23.91		
	84. 8.23	5	23.259	23.28		
	86. 9.13	7	23.152	22.47		− 2°
	87. 8.29	3	23.157	23.07		
8962	8.8	2.3359	+0.0018	+ 2.135	+0.338	28°3009
	74. 8.11	3	18 24 26.944	28 58 59.75		
	75. 9.15	3	27.011	59.91		
	77. 8.15	3	27.006	60.39		
8963	9.2	2.4476	+0.0017	+ 2.139	+0.354	25°3539
	82. 8. 9	3	18 24 29.242	25 10 11.89		
	84. 8.29	5	29.244	11.28		
	88. 8.22	5	29.326	12.53		
8964	8.6	2.4329	+0.0017	+ 2.140	+0.352	25°3540
	74. 7.13	3	18 24 29.864	25 41 7.28		
	74. 7.24	3	29.937	6.42		
	79. 8.25	2	29.889	8.17		

8965	$7\overset{m}{.}9$		$2\overset{s}{.}4247$ +$0\overset{s}{.}0017$	+ $2\overset{''}{.}143$ +$0\overset{''}{.}350$	25°3541
73.	8.21	3	$18^h24^m32\overset{s}{.}268$	$25^\circ\,58'\,24\overset{''}{.}11$	
74.	9.14	3	32.383	23.25	
78.	7.29	3	32.313	22.63	
8966	8.7		2.4036 +0.0017	+ 2.144 +0.347	26°3277
74.	7.16	3	18 24 32.888	26 42 14.20	
77.	8 17	3	32.856	14.31	
77.	8.30	3	32.928	14.12	
8967	9.5		2.3356 +0.0018	+ 2.148 +0.338	— —
74.	8.11	2	18 24 35.963	28 59 42 84	†
8968	8.7		2.3097 +0 0018	+ 2.153 +0.334	29°3271
73.	8.30	1	18 24 39.114	29 50 34.60	d. m.
74.	8. 6	3	38.992	34.32	c. d. p.
74.	9.12	2	39.423	33.20	c. d. n. f.
8969	8.6		2.3080 +0.0018	+ 2.160 +0.334	29°3272
76.	8.17	2	18 24 44.193	29 53 49.30	
77.	9 5	3	44 037	50.38	
88.	8.25	5	44.055	49.84	
88.	9.12	5	44.046	48.81	
8970	9.0		2.3084 +0.0018	+ 2.163 +0.334	— —
76	8.17	1	18 24 46.351	29 53 9.09	Z.C. δ $9\overset{''}{.}3$
77.	9. 5	2	46.325	9.59	
8971	9.0		2.4268 +0.0017	+ 2.165 +0.351	25°3542
74	7.29	3	18 24 47.452	25 54 10.68	
92.	8. 5	6	47.431	10.73	
92.	8 20	7	47.539	10.58	
8972	9.5		2.3245 +0.0018	+ 2.165 +0.336	— —
73.	8.22	2	18 24 47.507	29 21 38.83	†
8973	9.4		2.3787 +0.0018	+ 2.166 +0.344	27°3038
74.	9. 2	3	18 24 48.183	27 33 16.79	
75.	7 29	1	48.097	16.94	
79.	8.11	3	48.656	17.03	
8974	9.0		2.3534 +0.0018	+ 2.168 +0.340	28°3011
73.	8.15	3	18 24 49.961	28 24 25.51	Z.C. δ $24\overset{''}{.}3$
75.	8. 2	3	49.624	23.70	
76.	8.16	3	49.785	23.22	
77.	9. 8	3	49.706	24.86	
79.	8.21	3	49.983	24.32	
8975	8 2		2.4074 +0 0017	+ 2.172 +0.348	26°3279
74.	7.28	3	18 24 52.325	26 34 32.96	
74.	8.28	3	52.173	33.44	
75.	8.25	3	52.279	32.86	
76.	8.11	3	52.189	30.78	
8976	8.0		2.4331 +0.0017	+ 2.174 +0.352	25°3543
74.	7.13	3	18 24 53.594	25 40 55.17	
74.	7.24	3	53.756	53.92	
8977	9.2		2.3268 +0.0018	+ 2.177 +0.337	29°3273
78.	8.19	3	18 24 55.688	29 17 17.37	
78.	8.28	3	56.089	16.97	
80.	8.24	3	56.231	16.24	
82.	9. 9	3	56.031	16.18	

8978	$9\overset{m}{.}1$		$2\overset{s}{.}4478$ +$0\overset{s}{.}0017$	+ $2\overset{''}{.}183$ +$0\overset{''}{.}354$	25°3544
85.	9. 1	2	$18^h25^m\,0\overset{s}{.}119$	$25^\circ\;9'\,59\overset{''}{.}67$	†
8879	9.2		2.4152 +0.0017	+ 2.185 +0.349	26°3280
73.	8.14	2	18 25 1.115	26 18 33.57	Z.C. δ $34\overset{''}{.}2$
81	8.10	3	1.074	34.04	
84.	8.21	5	1.212	33.45	
84.	9. 5	7	1.125	33.46	
87.	8.22	5	1.161	36.37	
8980	9.0		2.4160 +0.0017	+ 2.194 +0.349	26°3281
73.	8.14	3	18 25 7.037	26 16 54.07	
92.	8.15	7	7.155	54.40	
8981	9.0		2.4495 +0.0017	+ 2.199 +0.354	25°3545
73.	8. 5	3	18 25 11.321	25 6 26.82	
73.	8. 9	3	11.097	27.84	
8982	9.1		2.3215 +0.0018	+ 2.206 +0.336	29°3275
74.	8.19	2	18 25 16.068	29 27 52.98	
75.	7.24	3	15.968	52.86	
78.	8. 7	3	16 000	53.73	
79.	9. 3	3	15.979	53.37	
80.	8.23	3	16.056	52.64	
82.	8.21	3	15.986	52.92	
87.	8.31	5	15.954	53.53	− 1′
8983	9.5		2.3084 +0.0018	+ 2.207 +0.334	29°3276
77.	8.23	1	18 25 16.391	29 53 24.08	Z.C. δ $24\overset{''}{.}0$
93.	7. 5	7	16.296	23.96	
8984	9.0		2.4462 +0.0017	+ 2.217 +0.354	25°3547
74.	7.29	3	18 25 22.948	25 13 37.32	
74.	8.20	3	23.008	38.50	
78.	7.29	3	22.975	36.68	
8985	8.9		2.4038 +0.0017	+ 2.218 +0.347	26°3282
73.	8. 6	3	18 25 24.022	26 42 17.65	Z.C. δ $18\overset{''}{.}7$
74.	7.30	3	23.954	18.80	
74.	8.18	3	23.896	19.86	
74.	8.28	2	23.979	18.61	
77.	8.17	2	23 981	18.83	
77.	8.30	3	24.063	19.06	
88.	9. 6	5	24.090	18.33	
8986	9.5		2.4149 +0.0017	+ 2.224 +0.349	26°3283
92.	8.16	4	18 25 28.353	26 19 25.27	†
8987	9.5		2.3241 +0.0017	+ 2.233 +0.335	— —
73.	8 22	2	18 25 34.083	29 22 60.99	
92.	8.17	7	34.288	59.70	
8988	9.3		2.3250 +0.0017	+ 2.257 +0.336	29°3278
90.	7.22	7	18 25 50.619	29 21 25.29	
96.	6. 5	4	50.350	23.27	
96.	6.26	7	50.682	27.02	
96.	7. 6	7	50.439	25.48	
8989	9.0		2.4512 +0.0016	+ 2.265 +0.354	25°3549
73.	8.21	3	18 25 56.241	25 3 27.11	
92.	8.12	7	56.520	27.07	

8990 $8^{\mathrm{m}}.0$ $2^{\mathrm{s}}.4506$ $+0^{\mathrm{s}}.0016$ + 2″.275 +0″.354 25°3551

74. 8.20	3	$18^{\mathrm{h}}26^{\mathrm{m}}\ 3^{\mathrm{s}}.239$	25° 4′ 35″.55	
74. 9.14	3	3.209	35.68	
75. 9.16	3	3.241	36.21	
79. 8. 6	3	3.340	35.84	

8991 9.2 2.4478 +0.0016 + 2.279 +0.353 25°3553

84. 8.22	3	18 26 6.239	25 10 36.36	
85. 9. 3	5	6.099	36.65	

8992 9.2 2.4349 +0.0017 + 2.286 +0.352 25°3554

73. 8. 5	3	18 26 10.777	25 38 4.63	Z.C. δ 4″.4
74. 7.24	2	10.785	3.07	
79. 8.29	3	10.901	4.18	
80. 8.28	3	10.754	5.77	

8993 7.5 2.3538 +0.0017 + 2.286 +0.340 28°3013

72. 7.15	3	18 26 10.974	28 24 31.00	
73. 8.15	3	10.856	30.45	
74. 8.21	3	10.931	30.72	
75. 8. 2	3	10.812	29.13	
76. 8.16	3	10.951	30.38	
77. 9. 8	3	11.001	31.32	
79. 8.28	3	10.912	30.02	

8994 9.5 2.3249 +0.0017 + 2.297 +0.336 — —

73. 8. 7	3	18 26 18.409	29 21 58.82	†

8995 8.7 2.3735 +0.0017 + 2.302 +0.343 27°3043

72. 7.20	3	18 26 21.799	27 45 6.08	
72. 7.22	3	21.632	7.67	
74. 8. 8	3	21.624	7.01	
74. 8.25	3	21.486	6.58	
74. 9. 2	3	21.763	6.31	
78. 8.29	3	21.744	6.83	
79. 8. 7	3	21.724	7.64	

8996 8.5 2.4540 +0.0016 + 2.308 +0.354 24°3444

73. 8.21	2	18 26 26.184	24 57 48.22	
74. 7.13	3	26.264	46.74	
79. 8.25	2	26.661	46.90	
80. 9.16	3	26.218	47.03	
88. 8.22	5	26.177	46.66	

8997 9.2 2.4570 +0.0016 + 2.311 +0.355 24°3445

80. 8.24	3	18 26 28.024	24 51 27.85	
82. 8. 8	3	27.973	26.46	
82. 8.11	3	28.041	27.78	
82. 8.15	3	27.939	26.83	

8998 9.5 2.3605 +0.0017 + 2.322 +0.341 — —

74. 8.11	1	18 26 35.700	28 11 17.94	†

8999 9.1 2.3145 +0.0017 + 2.323 +0.334 29°3280

84. 8.23	5	18 26 36.763	29 42 33.43	
84. 8.29	5	36.710	33.85	
85. 9. 9	5	36.778	33.10	
85. 9.11	5	36.822	32.63	

9000 8.8 2.4513 +0.0016 + 2.330 +0.354 25°3557

73. 8. 9	3	18 26 40.994	25 3 33.06	
76. 8. 9	3	41.077	33.32	
79. 8. 6	3	41.194	33.13	
79. 8.29	3	41.209	33.22	

9001 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.3718$ $+0^{\mathrm{s}}.0017$ + 2″.333 +0″.343 27°3044

74. 7.17	3	$18^{\mathrm{h}}26^{\mathrm{m}}43^{\mathrm{s}}.593$	27° 48′ 44″.41	
75. 7.29	3	43.715	45.55	

9002 9.5 2.3317 +0.0017 + 2.336 +0.336 29°3281

73. 8. 7	3	18 26 45.790	29 8 47.96	
73. 8.22	3	45.692	47.50	
73. 8.30	3	45.653	47.81	
74. 8. 3	3	45.602	47.34	
75. 7.24	3	45.724	46.81	
76. 8.17	2	45.812	46.69	

9003 9.1 2.3601 +0.0017 + 2.340 +0.341 28°3014

74. 8.11	2	18 26 47.788	28 12 18.24	Z.C. α $47^{\mathrm{s}}.92$
77. 8.15	3	47.897	18.21	
78. 8.19	3	48.019	18.58	
78. 8.28	3	47.906	18.15	
79. 8.21	3	48.004	17.21	−15′
81. 8.10	3	47.906	17.33	

9004 9.2 2.3152 +0.0017 + 2.342 +0.334 — —

74. 8. 6	3	18 26 49.521	29 41 26.12	†

9005 8.0 2.4537 +0.0016 + 2.352 +0.354 24°3446

74. 7.13	2	18 26 56.154	24 58 39.63	
74. 9.14	3	56.218	38.82	
79. 8.25	3	56.142	39.75	
84. 8.21	7	56.070	39.26	
85. 9. 4	5	56.005	39.63	
87. 8.31	5	56.082	40.64	

9006 8.9 2.4326 +0.0017 + 2.356 +0.351 25°3560

74. 8.20	2	18 26 59.013	25 43 21.39	Z.C. δ 21″.1
75. 9. 9	3	59.121	20.11	
80. 8.23	3	59.122	22.17	n. f. of 2
81. 9.15	3	59.058	20.99	
82. 8.21	2	58.957	20.91	n. f. of 2

9007 9.5 2.3564 +0.0017 + 2.359 +0.340 — —

73. 8.15	3	18 27 1.268	28 20 3.55	†

9008 8.5 2.3423 +0.0017 + 2.359 +0.338 28°3016

73. 9. 1	1	18 27 1.502	28 47 59.72	
74. 8.21	3	1.479	60.86	
76. 8.16	1	1.555	60.32	
82. 9. 9	3	1.529	59.58	

9009 9.3 2.4445 +0.0016 + 2.369 +0.353 25°3561

74. 7.29	3	18 27 7.974	25 18 26.82	
78. 7.29	3	8.219	26.34	
88. 9. 6	5	8.178	26.03	

9010 9.4 2.3869 +0.0017 + 2.384 +0.345 27°3045

87. 8.22	5	18 27 18.269	27 18 33.78	
87. 8.24	7	18.343	31.74	
88. 8.25	5	18.151	32.44	

9011 9.1 2.4349 +0.0017 + 2.395 +0.351 25°3563

86. 9.13	7	18 27 25.831	25 38 48.24	
88. 8.29	5	25.926	49.70	

9012 9.4 2.3863 +0.0017 + 2.395 +0.345 — —

86. 8.31	7	18 27 26.186	27 19 41.72	†

9013	$7^{m}.5$		$2^{s}.4420$ $+0^{s}.0016$	+ 2″.401 +0″.352	25°3564
	73. 8. 5	3	$18^{h}27^{m}30^{s}.526$	25° 23′ 53″.49	
	74. 7.24	3	30.580	51.83	
	75. 9. 9	2	30.542	52.07	
9014	9.4		2.3723 +0.0017	+ 2.412 +0.342	27°3046
	72. 7.20	3	18 27 37.594	27 48 18.71	
	72. 7.22	3	37.506	19.23	
	74. 7.17	3	37.692	19.63	
	74. 8. 8	3	37.599	19.35	
	74. 8.25	3	37.420	18.96	
	74. 9. 2	3	37.397	18.23	
	78. 8. 8	3	37.471	19.68	
	79. 8. 7	3	37.585	19.98	
	79. 8.11	3	37.463	18.67	
	79. 8.28	1	37.852	19.58	-10^{s}
	79. 8.30	3	37.775	18.06	
9015	9.0		2.4272 +0.0016	+ 2.412 +0.350	25°3565
	73. 8. 9	3	18 27 37.646	25 55 11.30	
	79. 8.25	1	37.774	10.17	
	79. 8.29	2	37.728	8.22	
9016	8.9		2.3575 +0.0017	+ 2.414 +0.340	28°3018
	72. 7.15	3	18 27 39.514	28 18 5.21	
	75. 8. 2	1	38.927	5.28	c. d. l. §
	75. 9.15	3	39.329	5.51	
	79. 8.28	3	39.253	5.84	
	92. 8. 5	5	39.431	5.31	
9017	9.0		2.4156 +0.0016	+ 2.422 +0.349	26°3288
	73. 8. 6	3	18 27 44.508	26 19 32.65	
	73. 8.14	3	44.366	32.89	
	74. 7.30	3	44.519	32.33	
	75. 8.25	3	44.616	33.01	
	78. 8.29	3	44.603	32.11	
9018	9.1		2.4396 +0.0016	+ 2.425 +0.352	25°3566
	84. 9. 2	7	18 27 47.137	25 29 16.94	
	84. 9. 5	7	47.089	16.96	
	90. 8.27	7	47.146	19.10	
	90. 8.29	5	47.367	16.26	+ 5′
9019	9.1		2.4135 +0.0016	+ 2.435 +0.348	26°3289
	85. 9. 3	7	18 27 53.971	26 24 4.43	
	87. 8.29	7	53.972	3.97	
	87. 9. 3	7	54.224	3.67	
	87. 9. 5	6	54.071	3.88	
9020	9.1		2.4166 +0.0016	+ 2.452 +0.349	26°3290
	73. 8. 6	2	18 28 5.679	26 17 40.66	
	76. 8.11	3	5.537	41.17	
	84. 8.22	7	5.579	42.17	
	84. 8.23	5	5.554	41.37	
	84. 8.29	5	5.476	41.65	
9021	9.0		2.3159 +0.0017	+ 2.456 +0.334	29°3285
	73. 8.30	3	18 28 8.010	29 40 59.93	
	74. 8. 6	3	8.189	62.21	
	74. 9.12	3	8.080	62.77	
	75. 7.24	3	8.015	62.08	
	79. 9. 3	3	8.130	60.94	
9022	9.0		2.3564 +0.0017	+ 2.469 +0.340	28°3019
	92. 8.12	7	18 28 17.477	28 20 46.36	
	92. 8.15	7	17.461	46.60	
	92. 8.17	7	17.400	46.31	
9023	$8^{m}.3$		$2^{s}.3042$ $+0^{s}.0017$	+ 2″.488 +0″.333	30°3226
	73. 8. 7	3	$18^{h}28^{m}30^{s}.551$	30° 4′ 3″.69	Z.C. δ 3″.8
	73. 8.22	3	30.385	3.88	
	74. 8.19	3	30.332	3.46	
	78. 8. 7	3	30.459	4.04	
	78. 8.28	3	30.456	3.86	
9024	9.3		2.4536 +0.0016	+ 2.498 +0.354	24°3454
	85. 9. 9	7	18 28 37.417	25 0 13.01	
	87. 8.25	7	37.672	12.76	
	88. 8.22	5	37.492	12.35	
9025	9.0		2.3381 +0.0017	+ 2.501 +0.337	28°3020
	72. 7.15	1	18 28 39.149	28 57 39.24	
	73. 9. 1	3	39.087	40.29	
	74. 8.21	3	39.041	41.24	
	76. 8.16	2	38.925	40.77	
	79. 8.21	3	39.218	40.38	
	79. 8.30	3	39.205	39.88	
9026	9.0		2.4267 +0.0016	+ 2.501 +0.350	25°3569
	73. 8. 5	3	18 28 39.253	25 57 2.35	
	73. 8. 9	3	39.300	3.52	
	74. 7.29	3	39.225	1.47	
	74. 8.20	3	39.283	2.90	
	74. 9.14	3	39.405	2.35	
	79. 8. 6	2	39.440	2.22	
9027	9.0		2.3096 +0.0017	+ 2.508 +0.333	29°3287
	73. 8.30	1	18 28 44.175	29 53 48.93	
	74. 8. 3	3	44.127	50.63	
	76. 8.17	3	43.987	50.39	
9028	9.1		2.4254 +0.0016	+ 2.519 +0.350	25°3570
	73. 8.21	3	18 28 51.767	25 59 46.47	
	75. 9. 9	3	51.916	45.91	
	88. 9. 6	4	52.083	46.70	-1^{s}
9029	9.0		2.3260 +0.0017	+ 2.537 +0.335	29°3288
	73. 8. 7	3	18 29 4.142	29 22 9.36	
	74. 8. 6	3	3.956	9.50	
	77. 8.23	3	3.901	9.62	
	78. 8.28	3	4.066	8.81	
	81. 8.10	3	4.054	8.08	
9030	9.0		2.4498 +0.0016	+ 2.538 +0.353	25°3571
	74. 7.13	3	18 29 5.097	25 8 41.42	− 1 int. − 1′
	74. 7.24	3	5.145	41.64	
	75. 9.16	3	5.069	41.70	
9031	9.0		2.4011 +0.0017	+ 2.539 +0.346	26°3293
	73. 8.14	3	18 29 5.796	26 50 21.49	
	74. 7.16	3	5.862	21.08	
	74. 8.18	3	5.621	21.65	
	74. 8.28	3	5.753	21.45	
	75. 8.25	2	5.527	22.62	
	78. 8.29	2	5.802	22.46	
9032	7.3		2.3612 +0.0017	+ 2.549 +0.340	28°3021
	73. 8.15	3	18 29 12.159	28 11 56.74	Z.C. δ 56″.8
	74. 8.11	3	12.301	57.11	
	77. 8.15	3	12.318	55.61	
	77. 9. 8	3	12.186	57.78	

9033 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4013$ $+0^{\mathrm{s}}.0017$ + $2''.561$ $+0''.346$ 26°3294

73.	8.14	3	$18^{\mathrm{h}}29^{\mathrm{m}}21^{\mathrm{s}}.015$	26° 50′ $18''.85$	
74.	7.16	2	21.122	18.61	
74.	8.28	3	21.132	18.60	
75.	8.25	2	21.157	17.70	
78.	8.29	3	21.156	18.44	
88.	8.25	5	21.099	18.12	

9034 9.5 2.3283 +0.0017 + 2.570 +0.336 29°3290

74.	8.19	3	18 29 27.199	29 17 41.60	
75.	7.24	3	27.500	43.07	
78.	8.19	3	27.574	42.42	

9035 9.3 2.4420 +0.0016 + 2.573 +0.352 25°3574

76.	8. 9	3	18 29 28.911	25 25 31.07	†

9036 6.8 2.3176 +0.0017 + 2.573 +0.335 29°3291

73.	8.22	3	18 29 29.366	29 38 53.57	Z.C. δ $53''.2$
74.	9.12	3	29.404	53.65	
76.	8.17	3	29.422	53.06	
78.	9.11	1	29.476	52.45	

9037 7.6 2.3476 +0.0017 + 2.583 +0.338 28°3024

73.	9. 1	2	18 29 35.638	28 39 32.02	Z.C. Ep. 76.2
75.	9.15	3	35.757	31.16	§
78.	9.11	3	35.702	31.94	

9038 9.5 2.3997 +0.0016 + 2.592 +0.346 26°3295

74.	7.30	2	18 29 41.982	26 53 59.67	
96.	6. 5	6	41.909	56.61	v. ft.
96.	6.15	7	41.714	60.14	
96.	6.26	7	41.946	60.85	
96.	7. 6	7	41.769	58.68	
96.	7.10	7	41.501	59.92	v. ft.

9039 9.4 2.3996 +0.0016 + 2.595 +0.346 26°3296

74.	7.30	2	18 29 44.062	26 54 6.04	
76.	8.11	2	44.185	3.89	
76.	8.22	3	44.186	4.80	
77.	8.17	3	44.359	5.64	w. 4 + 10^{s}
77.	8.30	3	44.198	5.09	
92.	9. 5	3	44.084	6.12	

9040 9.4 2.3923 +0.0016 + 2.596 +0.345 — —

72.	7.22	3	18 29 45.134	27 9 7.38	
74.	8. 8	3	44.920	6.95	

9041 9.1 2.4221 +0.0016 + 2.602 +0.349 26°3297

79.	8. 4	3	18 29 49.295	26 7 30.37	− 10′
79.	8.25	3	49.158	29.47	
79.	8.29	3	49.204	30.49	
80.	8.23	3	49.117	28.94	
80.	8.28	3	49.037	30.37	
81.	8.10	3	49.009	29.31	

9042 7.7 2.3104 +0.0017 + 2.602 +0.333 29°3293

73.	8.30	2	18 29 49.252		δ rejected
74.	8. 3	3	49.214	29 53 12.37	
74.	9.12	3	49.319	12.41	
75.	8.30	3	49.156	11.24	
79.	9. 3	3	49.196	11.56	

9043 $8^{\mathrm{m}}.9$ $2^{\mathrm{s}}.3992$ $+0^{\mathrm{s}}.0016$ + $2''.605$ $+0''.345$ 26°3298

73.	8. 6	3	$18^{\mathrm{h}}29^{\mathrm{m}}51^{\mathrm{s}}.280$	26° 55′ $3''.89$	
74.	7.30	1	51.210	5.11	
76.	8.11	2	51.450	2.34	
88.	8.29	5	51.225	3.65	

9044 9.4 2.3914 +0.0016 + 2.608 +0.344 27°3050

72.	7.20	3	18 29 53.119	27 11 12.44	
72.	7.22	2	53.661	13.76	
74.	8. 8	3	53.089	13.22	
79.	8. 7	3	53.341	12.53	
79.	8.11	3	53.399	12.60	
79.	8.21	3	53.603	12.60	
79.	8.30	3	53.404	10.67	

9045 9.0 2.3975 +0.0016 + 2.614 +0.345 26°3300

74.	8.18	3	18 29 57.263	26 58 50.68	
74.	8.28	1	57.247	49.96	
75.	8. 4	2	57.260	50.36	

9046 9.4 2.3981 +0.0016 + 2.625 +0.345 26°3301

77.	8.30	3	18 30 4.942	26 57 37.49	Z.C. δ $37''.6$
79.	8. 4	1	5.085	37.68	

9047 9.4 2.3488 +0.0017 + 2.629 +0.339 28°3027

72.	7.15	1	18 30 7.621	28 37 45.94	
73.	8.15	3	7.672	44.54	
73.	8.15	1	7.862	45.72	
74.	8.11	3	7.798	45.05	
74.	8.21	3	7.814	45.57	
75.	8. 2	3	7.785	45.04	
76.	8.16	3	8.076	46.59	
77.	8.15	3	7.907	45.28	
79.	9. 3	3	7.963	45.13	

9048 9.3 2.3981 +0.0016 + 2.644 +0.345 26°3303

74.	8.18	1	18 30 18.213	26 57 47.70	Z.C. δ $47''.7$
77.	8.17	1	18.083	47.61	

9049 8.2 2.4469 +0.0015 + 2.675 +0.353 25°3578

73.	8. 5	3	18 30 39.947	25 15 59.79	
73.	8. 9	3	39.664	60.65	
73.	8.21	3	39.744	61.13	
88.	8.22	5	39.786	60.52	

9050 8.0 2.3940 +0.0016 + 2.685 +0.345 27°3053

72.	7.20	3	18 30 46.814	27 6 38.19	Z.C. δ $39''.1$
74.	8. 8	2	46.779	39.10	
74.	8.25	3	46.663	39.65	
75.	8.27	3	46.891	38.03	
78.	8. 8	3	46.658	39.64	
78.	8. 8	2	46.938	39.35	
79.	8.21	3	46.908	39.82	
79.	8.28	3	46.786	38.90	

9051 8.6 2.3066 +0.0017 + 2.691 +0.332 29°3295

73.	8. 7	3	18 30 50.709	30 1 23.84	
73.	8.22	3	50.610	22.93	
74.	8.19	3	50.647	22.41	
76.	8.17	3	50.665	23.58	

9052 9.0 2.4314 +0.0016 + 2.691 +0.350 25°3579

74.	7.13	3	18 30 50.990	25 48 45.66	+ 1′
74.	7.29	3	50.984	45.06	
74.	9.14	3	50.967	45.84	

9053 $8^{m}5$		$2^{s}4373$ $+0^{s}0016$	+ $2''694$ $+0''351$	25°3581
74. 7.24	3	$18^{h}30^{m}52^{s}911$	25° 36′ $15''87$	Z.C. δ $16''4$
74. 8.20	3	52.912	16.80	
75. 9. 9	3	53.001	16.54	
75. 9.16	3	52.997	16.49	
76. 8. 9	3	52.834	16.12	
87. 8.31	5	52.830	16.80	
88. 9. 6	4	52.983	16.92	
88. 9.12	5	52.840	15.72	
9054 9.2		2.3429 +0.0017	+ 2.712 +0.338	28°3029
82. 9. 9	3	18 31 5.274	28 50 14.21	†
9055 9.2		2.3147 +0.0017	+ 2.723 +0.333	— —
77. 8.23	3	18 31 12.773	29 45 52.36	
92. 8. 6	6	13.033	51.27	
9056 9.0		2.4245 +0.0016	+ 2.739 +0.349	26°3306
73. 8.14	3	18 31 23.991	26 3 42.13	
75. 8. 4	3	24.171	41.32	
75. 8.25	3	23.991	41.74	
78. 8.29	3	24.072	42.05	
88. 8.25	7	24.055	40.69	
9057 8.7		2.3100 +0.0017	+ 2.741 +0.332	29°3296
73. 8.30	2	18 31 25.745	29 55 19.82	
74. 8. 3	3	25.621	21.44	
75. 7.24	3	25.591	19.76	−1 int.
84. 8.21	5	25.492	20.42	
84. 8.29	5	25.533	20.65	
84. 9.12	7	25.502	20.44	
9058 9.2		2.3761 +0.0016	+ 2.748 +0.342	27°3056
74. 8.25	3	18 31 30.247	27 43 38.18	†
9059 9.1		2.3121 +0.0016	+ 2.756 +0.333	29°3297
74. 8. 6	3	18 31 35.617	29 51 22.96	
74. 9.12	3	35.821	21.46	
76. 8.17	3	35.884	21.76	
9060 9.2		2.3957 +0.0016	+ 2.761 +0.345	27°3059
84. 8.22	7	18 31 39.567	27 3 47.59	
85. 9. 4	5	39.433	47.13	
87. 8.24	5	39.537	46.69	
87. 8.27	5	39.641	46.92	
9061 9.3		2.3851 +0.0016	+ 2.767 +0.343	27°3060
85. 9. 9	5	18 31 43.125	27 25 31.52	†
9062 9.1		2.3725 +0.0016	+ 2.767 +0.342	27°3061
84. 8.23	7	18 31 43.269	27 51 4.89	
84. 9. 2	7	43.162	4.57	
84. 9. 5	7	43.166	5.19	
9063 9.5		2.3975 +0.0016	+ 2.767 +0.345	— —
73. 8. 6	3	18 31 43.480	27 0 10.72	†
9064 9.4		2.3993 +0.0016	+ 2.769 +0.345	— —
74. 7.30	3	18 31 44.917	26 56 33.41	
92. 8.15	6	45.024	31.95	
9065 9.3		2.3869 +0.0016	+ 2.773 +0.343	27°3062
81. 8.10	3	18 31 47.565	27 21 54.41	Z.C. δ $54''3$
85. 9.11	5	47.489	54.25	

9066 $9^{m}3$		$2^{s}3141$ $+0^{s}0016$	+ $2''773$ $+0''333$	— —
74. 8.19	3	$18^{h}31^{m}47^{s}380$	29° 47′ $38''68$	
75. 8.30	3	47.616	38.33	
92. 8. 8	5	47.642	39.00	
9067 9.4		2.3672 +0.0016	+ 2.778 +0.341	— —
80. 8.28	2	18 31 50.681	28 2 8.02	†
80. 8.28	3	50.741	7.40	
9068 9.0		2.3154 +0.0016	+ 2.788 +0.333	29°3299
73. 8. 7	3	18 31 57.652	29 45 21.58	
92. 8. 3	6	57.542	20.88	
9069 9.4		2.4539 +0.0015	+ 2.800 +0.353	25°3584
73. 8. 9	3	18 32 5.943	25 2 6.33	
74. 7.13	3	5.941	5.99	
9070 9.0		2.3446 +0.0016	+ 2.801 +0.338	28°3030
79. 8.26	3	18 32 7.374	28 47 48.98	
80. 8.31	3	7.148	48.80	
80. 8.31	2	7.078	49.38	
9071 9.0		2.3097 +0.0016	+ 2.804 +0.332	29°3300
73. 8.22	3	18 32 9.060	29 56 36.07	
73. 8.22	1	9.110	36.44	
73. 8.30	3	9.031	34.99	
74. 8. 3	3	8.879	34.65	
74. 8. 6	3	8.953	36.25	
75. 7.24	3	9.121	35.39	
77. 8.23	2	9.132	34.83	
78. 9.11	3	9.117	34.95	
9072 9.0		2.3603 +0.0016	+ 2.809 +0.340	28°3031
73. 8.15	3	18 32 12.738	28 16 21.42	
73. 9. 1	3	12.709	20.56	
75. 8. 2	3	12.789	20.44	
76. 8.16	3	12.773	21.24	
77. 8.15	3	12.710	20.67	
90. 9. 8	6	12.879	21.12	
9073 9.2		2.3606 +0.0016	+ 2.810 +0.340	— —
73. 9. 1	2	18 32 12.889	28 15 50.44	Z.C. δ $50''7$
75. 8. 2	2	12.939	51.12	
77. 8.15	2	12.890	50.45	
9074 9.1		2.4570 +0.0015	+ 2.812 +0.353	24°3470
85. 9. 3	5	18 32 14.421	24 55 53.03	
86. 8.31	7	14.491	52.55	
86. 9.11	7	14.438	52.02	
9075 9.5		2.3356 +0.0016	+ 2.815 +0.336	29°3301
88. 8.29	5	18 32 17.095	29 5 50.10	
93. 7. 5	7	16.787	48.94	
9076 9.0		2.4546 +0.0015	+ 2.822 +0.353	25°3585
73. 8. 5	3	18 32 21.288	25 0 60.92	
73. 8. 9	3	21.303	61.39	
73. 8.21	3	21.231	61.46	
74. 7.13	3	21.302	61.39	
74. 7.24	3	21.315	59.91	
74. 7.29	3	21.273	60.20	
75. 9. 9	3	21.278	60.11	
75. 9.16	3	21.211	60.07	

9077 8^{m}0 2^{s}3400 +0^{s}0016 + 2″823 +0″337 28°3032

74. 8 11	3	18^{h}32^{m}21^{s}874	28° 57′ 4″65	
74. 8.21	3	21.909	5.33	
75. 9 15	3	21.972	3.81	§

9078 9.2 2.4135 +0.0016 + 2.834 +0.347 26°3310

74. 7.30	1	18 32 29.488	26 27 49.69	
86. 9.13	7	29.455	49.36	
87. 8.22	7	29.479	49.52	
87. 8.29	7	29.677	49.96	
87. 9. 3	7	29.858	48.99	

9079 9.1 2.3662 +0.0016 + 2.834 +0.341 28°3033

74. 8.11	2	18 32 29.776	28 4 42.67	Z.C. δ 42″8
77. 9 8	3	29.765	43.30	
88 8.22	4	29.674	42.44	

9080 7.2 2.3243 +0.0016 + 2.846 +0.334 29°3302

73. 8. 7	2	18 32 38.398	29 28 32.29	
74. 8. 3	3	38.411	32.56	
75. 8.30	3	38.388	31.73	

9081 9.0 2.4183 +0.0015 + 2.850 +0.348 26°3311

74. 7.16	3	18 32 41.076	26 17 52.36	
85. 9. 1	7	41.116	50.90	

9082 9.0 2.4045 +0.0016 + 2.852 +0.346 26°3312

73 8. 6	3	18 32 42.232	26 46 24.99	Z C. α 42^{s}27
73. 8.14	3	42.198	26.84	
74. 7.28	3	42.344	26.88	
75 8. 4	3	42.121	26 44	
75. 8.25	3	42 092	26.14	
76. 8 11	3	42.250	25.47	
76 8.22	3	42.378	26.88	
78. 8.29	3	42.512	25.91	

9083 9.3 2.3522 +0.0016 + 2.860 +0.338 28°3035

72. 7.15	3	18 32 47.830	28 33 10.25	Z.C. δ 10″7
78. 8.19	3	47.506	10.12	
78. 8.28	3	47.610	12.32	
79. 8.30	3	47.648	9.93	

9084 9.3 2.4590 +0.0015 + 2.871 +0.354 24°3476

81 8.10	3	18 32 55.022	24 52 6.20	Z.C. δ 6″1
87. 8.25	7	55.148	5.32	
87. 8 31	5	55.045	6.68	

9085 9.5 2.3607 +0.0016 + 2.872 +0.340 — —

88. 9. 6	6	18 32 56.154	28 16 15.43	†

The observer's note *middle of* 2 may be a mistake for *middle of* 3: Oxford photographs shew stars 1^{s}f 1′.5 s (see appendix 9085^{a}: agrees better than 9085 with + 28° 3036) and 3^{s}f 1′ n.

9086 9.4 2.3440 +0.0016 + 2.876 +0.337 — —

82. 9. 9	3	18 32 59.124	28 49 49.71	†

9087 7.0 2.3533 +0.0016 + 2.886 +0.338 28°3037

72. 7.15	2	18 33 5.802	28 31 20.01	
73. 8.15	3	5.751	19.66	
75. 9.15	3	5.761	19.12	÷ 1^{m}
76. 8.16	3	5.631	19.53	
84. 8.21	7	5.708	19 51	
84. 8.29	5	5.666	19.39	
84. 9.11	7	5.697	19.18	

9088 8^{m}9 2^{s}4043 +0^{s}0016 + 2″903 +0″346 26°3313

73. 8. 6	2	18^{h}33^{m}17^{s}880	26° 47′ 28″41	
73. 8.14	3	17.786	28.67	
74. 8.18	3	17.690	29.64	
75. 8.25	3	17.722	28.36	
76. 8.11	3	17.810	27.76	
76. 8.22	3	17.838	29.14	
78. 8.29	3	17.953	28.50	

9089 7.4 2.4510 +0.0015 + 2.906 +0.352 25°3590

73. 8. 5	3	18 33 19.747	25 9 32.47	
75. 9. 9	1	19.765	32.03	
75. 9.16	3	19 820	32.40	
76. 8 21	3	19.767	31.45	
79. 8.25	3	19.767	31.64	
79. 8.25	3	19.787	32 01	

9090 8.2 2.3441 +0.0016 + 2.911 +0.337 28°3039

74. 8.21	2	18 33 23.407	28 49 59.16	
79. 8.26	3	23.516	58.05	
79. 9. 3	3	23.364	56.36	
80. 9.16	3	23.399	56.26	
80. 9.16	2	23.359	57.41	

9090^{a} 9.3 2.3448 +0.0016 + 2.912 +0.337 — —

79. 9. 3	3	18 33 23.870	28 48 28.90	§ †
80. 8.31	2	23.770	29.68	s. of 2 – 1^{m}.

9091 8.3 2.3631 +0.0016 + 2.913 +0.340 28°3038

74. 8.21	3	18 33 24.433	28 11 38.25	
78. 8.19	3	24.323	38 00	
78 8 28	3	24.556	38.08	

9092 9.1 2.4188 +0.0015 + 2.914 +0.348 26°3314

85. 9. 3	5	18 33 24.962	26 17 29 20	
87. 8.27	3	25.414	28.14	

9093 8.9 2.3716 +0.0016 + 2.914 +0.341 27°3067

72. 7 20	3	18 33 25.418	27 54 31.19	
72. 7.22	3	25.550	31.60	
74. 8. 8	3	25.412	31.79	
76 8.14	3	25.625	30.00	
79. 8. 7	3	25.620	30 66	
79. 8 11	3	25.387	31.45	
80. 8.23	3	25.594	31.26	
80. 8.23	2	25 574	31.41	
80 8.24	3	25.564	31.98	
80. 8.24	2	25.544	31.89	

9094 8.0 2.3514 +0.0016 + 2.919 +0.338 28°3040

73. 9 1	3	18 33 28.508	28 35 19.67	
78 9. 2	3	28 276	20.52	
78. 9.11	3	28.516	20.18	
79. 8.30	3	28.598	19.57	

9095 9.2 2 4513 +0.0015 + 2.928 +0.352 25°3591

73. 8.21	3	18 33 35.041	25 8 62.20	
74. 7.24	3	35.219	59.35	
74. 7.29	3	35 007	60.66	
74. 8.20	3	35.113	59.70	
74. 9.14	3	35.155	60.88	
75. 9. 9	3	35.221	59.93	
76. 8. 9	3	35.148	61.51	
76. 8.21	3	35.054	60.00	
96. 8 22	7	35 023	60.39	§
96. 8.26	7	34.935	61.79	§
96. 8.27	4	35.041	62.91	§ clds.

9096 $8^{\mathrm{m}}.5$ $2^{\mathrm{s}}.3984$ $+0^{\mathrm{s}}.0016$ + $2''.931$ $+0''.345$ 26°3316

73	8 14	2	$18^{\mathrm{h}}33^{\mathrm{m}}36^{\mathrm{s}}.864$	26° 59′ 45″.10	c.d.m.
74.	8.28	3	36.672	45.14	c.d.n.f.
77	8.17	3	36.999	44.90	Z.C.δ 45″.1
77.	8.30	3	36.884	45.31	c.d.?

9097 9.2 2.3828 +0.0016 + 2.943 +0.342 27°3068

81.	8.10	1	18 33 45.633	27 32 3.58	Z.C.δ 5″.4
85	9. 4	6	45.637	5.77	
85.	9 9	7	45.622	6.05	
85	9 11	7	45.624	6.05	

9098 9.0 2.4183 +0.0015 + 2.952 +0.348 26°3318

74.	7.16	3	18 33 51.216	26 18 53.78	
74.	7.28	3	51.414	52.42	
76.	8.22	2	51.365	51.99	

9099 8.7 2.3766 +0.0016 + 2.954 +0.341 27°3069

72.	8.19	3	18 33 52.631	27 44 51.29	
74.	8.25	3	52 589	51.57	
74.	9. 2	3	52.472	52.02	
78.	8. 8	2	52.659	52.31	− 1^{m}

9100 9.2 2.3138 +0.0016 + 2.954 +0.333 29°3307

84.	8.22	3	18 33 53 172	29 50 19.56	†

9101 9.1 2.3468 +0.0016 + 2.971 +0.337 28°3045

74.	8.11	3	18 34 4.635	28 44 55.44	
75.	8. 2	3	4.527	54.97	
76.	8.16	3	4.397	55.32	
77.	9. 8	3	4.552	54.96	
79.	8.28	2	5.035	54.93	§

9102 9.3 2.3388 +0 0016 + 2.974 +0 336 28°3046

74.	8.21	1	18 34 6.331	29 1 9.39	
77	8.15	3	6 548	10.19	
78	9 2	3	6.434	9.87	
79.	8 30	1	6.617	9 24	

9103 9.3 2.4418 +0.0015 + 2.985 +0.351 25°3593

79	8 6	3	18 34 14.516	25 29 42.69	†

9104 Not found on revision: not found on Oxford photographs 1895.6 27 and 1900 8.15. The catalogue place is 1^{m} wrong: see 9090^{a}

9105 8.5 2.4341 +0.0015 + 3.009 +0.350 25°3594

73.	8. 5	3	18 34 31 012	25 46 14 13	Z.C.Ep.78 1
73.	8. 9	3	30.858	14.68	
76	8. 9	3	30 969	14 01	
88.	8.29	5	30.981	13.02	

9106 9.2 2.4136 +0.0015 + 3.010 +0.347 — —

75	8 4	1	18 34 31.595	26 29 13.55	†

9107 7.5 2.4139 +0.0015 + 3.011 +0.347 26°3319

73.	8.14	1	18 34 32.439	26 28 30.95	
74.	8.18	3	32.304	31.94	
75	8 4	3	32.525	32.78	
75.	8 25	3	32.510	31.77	s.f. of 2

9108 8.6 2.3272 +0.0016 + 3.012 +0.334 29°3310

73.	8. 7	3	18 34 33 439	29 24 30.00	
73	8.22	3	33.484	29.11	
73.	8 30	3	33.442	29.55	
74.	8.19	3	33.311	29.31	
75.	7.24	3	33.455	29.15	− 1 int.
75.	8.30	3	33.569	28.55	
76.	8.17	3	33.343	29.00	

9109 $8^{\mathrm{m}}.5$ $2^{\mathrm{s}}.4254$ $+0^{\mathrm{s}}.0015$ + $3''.015$ $+0''.349$ 26°3320

74.	7.28	3	$18^{\mathrm{h}}34^{\mathrm{m}}34^{\mathrm{s}}.903$	26° 4′ 34″.96	− 5′
74.	7.30	3	34.875	36.53	Z.C.δ 35″.5
79.	8.29	3	34.935	35.70	
90.	9.11	7	34.798	34.82	

9110 9.1 2.3125 +0.0016 + 3.016 +0.332 29°3311

84.	8.23	7	18 34 35.826	29 53 27.50	
84.	9. 2	7	35.932	27.42	

9111 8.1 2.4589 +0.0015 + 3.025 +0.353 24°3489

74.	7 13	3	18 34 42.206	24 53 45.81	
74.	9.14	3	42.303	45.21	
75.	9.16	3	42.245	44.79	

9112 9.0 2.4426 +0.0015 + 3.033 +0.351 25°3595

73.	8.21	3	18 34 47.492	25 28 29.27	
74.	8.20	3	47.623	29.73	
79.	8. 6	3	47.600	29.96	

9113 9.5 2.3730 +0.0016 + 3.037 +0.341 — —

72.	7.20	3	18 34 50.172	27 53 8.52	†

9114 9.4 2 3429 +0.0016 + 3.040 +0.336 28°3049

72.	7.15	2	18 34 52.546	28 53 38.60	
73.	8.15	3	52.394	38.39	− 1′
77.	9. 8	3	52.640	40.35	w. 5 − 6^{s}

9115 9.5 2.3275 +0.0016 + 3.044 +0.334 — —

73.	8.30	3	18 34 55.040	29 24 20.99	†

9116 9.1 2 3703 +0 0016 + 3.049 +0.340 27°3072

80.	8.28	3	18 34 58 902	27 58 48.46	Z.C.α $58^{\mathrm{s}}.89$
80.	8.28	2	58.812	48.95	
86.	9.10	7	59.007	48.55	§
86.	9.11	7	59.009	49.29	
87	8.29	7	58.841	51.15	+ 5′
87.	8 31	7	58.902	50.14	+ 5′

9117 8.7 2.3994 +0.0015 + 3.060 +0.345 26°3322

74.	7.16	3	18 35 6.488	26 59 18.60	Z.C.δ 18″.6
74.	8.18	2	6.498	18.79	
74.	8.28	3	6.338	18.80	
76.	8 11	3	6.561	18.27	
77.	8.30	3	6.478	18.65	
78.	8.29	3	6.570	18.76	

9118 9.1 2.3728 +0.0016 + 3.068 +0.341 27°3073

72.	7.22	3	18 35 12.220	27 53 55.34	
74.	8. 8	3	12.139	54.40	
75.	8 27	3	12.085	52.68	
80.	8.23	3	12.254	53.40	

9119 6.8 2.4274 +0.0015 + 3.077 +0.349 26°3324

73.	8. 6	3	18 35 18.289	26 0 58.48	Z.C.δ 58″.0
74.	8.28	3	18 055	58.58	
75.	9.16	3	18.305	57.43	
76.	8.21	1	18.366	57.38	
77.	8.17	3	18.242	58.22	
86.	9.13	7	18.182	58.07	

9120 9.4 2.3510 +0.0016 + 3.092 +0.338 28°3050

74.	8.11	3	18 35 28.554	28 38 5.82	
76.	8.16	3	28.664	7.29	
79.	8.28	2	28.777	5.32	
88.	9. 6	7	28.534	6.90	

9121	9m.5	2s.4276 +0s.0015	+ 3".096 +0".348	25°3598
73. 8. 5	3	18h 35m 31s.386	26° 0' 50".22	
73. 8. 9	3	31 452	51.39	
88. 8.22	7	31.507	49.74	
88. 8.25	7	31.600	50.65	
9122	9.0	2.4143 +0.0015	+ 3.100 +0.347	26°3325
73. 8.14	2	18 35 33.837	26 28 45.02	
90. 8.29	7	34.077	44.45	
9123	9.4	2.3647 +0.0015	+ 3.102 +0.339	28°3051
73 8.15	3	18 35 35.654	28 10 35.11	
73. 9. 1	3	35.492	34.63	
74. 8.21	3	35.627	35.94	
78. 8.19	3	35.610	35.74	
78. 8.28	3	35.651	34.91	
79. 9. 3	3	35.647	34.89	
9124	8.1	2.3043 +0.0016	+ 3.109 +0.330	30°3264
73. 8.22	1	18 35 40.837	30 10 27.72	
92. 8. 3	7	40 672	27.03	
92. 8.12	7	40.728	27.54	
9125	9.2	2.4470 +0.0015	+ 3.111 +0.351	25°3599
74. 7.13	2	18 35 42.223	25 20 3.71	
74. 7.24	3	41.973	2.39	
74. 7.29	3	42.000	3.75	
74. 8.20	3	42.022	4.05	
75. 8.31	3	42.134	3.40	
75. 9 9	3	41.945	3.68	
9126	9.0	2.4593 +0.0015	+ 3.123 +0.354	— —
73. 8 21	3	18 35 50 007	24 53 48.47	
90. 9. 8	7	50.020	47.76	
9127	9.0	2.3196 +0.0016	+ 3.124 +0.333	29°3314
74. 8. 3	3	18 35 51.090	29 40 46.10	
74. 8. 6	3	50.893	45.97	
74. 8.19	3	50.921	45.49	
9128	9.5	2.4258 +0.0015	+ 3.128 +0.348	— —
74. 7.30	2	18 35 53.693	26 4 56.66	†
9129	9.5	2 3858 +0.0015	+ 3.129 +0.342	27°3074
74. 8. 8	3	18 35 54.408	27 27 58.10	
74. 8.25	3	54.357	58.33	
74. 9. 2	3	54.451	57.19	§
79. 8. 7	3	54 628	58.96	
79. 8.11	3	54.534	58.16	
87. 9. 3	7	54 705	59.15	
9130	9.2	2.3771 +0.0015	+ 3.133 +0.341	27°3075
72. 7.20	3	18 35 57.212	27 45 53.53	
72. 8 19	3	57 187	52.61	
76. 8.14	2	57.233	53.81	
79. 8 4	3	57 263	53.88	
9131	9.5	2.3805 +0.0015	+ 3.133 +0.342	27°3076
92 8.17	1	18 35 57 244	27 38 58.23	ex. ft.
92. 8.25	5	57.365	57.97	
9132	9.4	2.3452 +0.0016	+ 3.139 +0.337	— —
80. 8.31	3	18 36 1.488	28 50 17.45	
92. 8. 8	4	1.408	14.53	
9133	9m.0	2s.4261 +0s.0015	+ 3".141 +0".348	26°3329
74. 7.28	3	18h 36m 2s.441	26° 4' 15".41	
74. 7.30	2	2.373	16.18	
75. 8.25	3	2.331	16.52	
76. 8.11	3	2.292	15.04	
9134	9.0	2.3909 +0.0015	+ 3.141 +0.343	27°3078
81. 8.10	3	18 36 2.676	27 17 35.11	Z.C. δ 35".7
84. 8.21	5	2.741	35.57	
84. 8.29	5	2.601	36.29	
9135	8.7	2.4207 +0.0015	+ 3.150 +0 347	26°3330
73. 8. 6	3	18 36 9.154	26 15 56.07	
74. 7.16	3	9.248	55.50	
74. 8.28	2	9.228	56.28	
75. 8. 4	3	9.232	57.24	
75 8.25	2	9.154	56.94	
76. 8.22	3	9.334	57.48	
77. 8.30	3	9.257	56.55	
79 8.29	3	9.203	55.17	
9136	9.0	2.3763 +0.0015	+ 3.156 +0.341	27°3079
72. 7.22	3	18 36 12.900	27 47 41.72	
92. 8. 5	3	13.109	40.92	
9137	8.2	2.3589 +0.0015	+ 3.163 +0.338	28°3052
74. 8.11	3	18 36 17.619	28 22 55.95	
75. 8. 2	3	17.520	57.02	
75. 9.15	3	17.633	56.02	
76. 8.16	3	17.463	56.67	
9138	8.1	2.3760 +0.0015	+ 3.169 +0.341	27°3080
72. 7.22	2	18 36 22.310	27 48 28.95	
74. 9. 2	3	22.212	27.39	
79. 8. 4	3	22.355	28.65	
79. 8. 7	3	22.231	28.58	
9139	9 0	2.3296 +0.0016	+ 3.171 +0.334	29°3317
73. 8.30	3	18 36 23.398	29 21 38.51	
74. 8. 6	3	23.330	38.31	
75. 8.30	3	23.404	38.06	
88. 8.29	5	23.479	38.73	
9140	9.5	2.3817 +0.0015	+ 3.172 +0.342	— —
79. 8 21	2	18 36 24.261	27 36 51.40	†
9141	8.8	2.3643 +0.0015	+ 3.175 +0.339	28°3053
92. 8.15	7	18 36 26 600	28 12 9.06	
92. 8.16	7	26.637	9.56	
92. 8.20	7	26.534	9.49	
9142	9.0	2.3048 +0.0016	+ 3.177 +0.330	30°3271 A
74. 9 12	2	18 36 27.875	30 10 28.22	†
9143	7 0	2 3046 +0.0016	+ 3.178 +0.330	30°3271 B
73. 8. 7	3	18 36 28.127	30 10 42.56	d. l.
73. 8 22	3	28.083	42.36	
74. 9.12	3	28.136	43.07	
75. 7.24	3	28.124	43.17	d. n.
78. 9.11	3	28.114	41.73	d. n. f.
9144	8.8	2.3662 +0.0015	+ 3.178 +0.339	28°3054
77. 9. 8	2	18 36 28.585	28 8 25.56	Z.C. δ 25".8
78. 8.19	1	28.612	26.12	−1'

9145	**$9^{\mathrm{m}}.0$**	**$2^{\mathrm{s}}.3214$**	**$+0^{\mathrm{s}}.0016$**	**$+\ 3''.182$**	**$+0''.333$**	29°3318
76.	8.17	3	$18^{\mathrm{h}}36^{\mathrm{m}}30^{\mathrm{s}}.816$	29° 38′ $1''.27$		Z.C. α $30^{\mathrm{s}}.91$
77.	9. 5	3	31.007	1.80		+ 5′ Z.C. δ $1''.5$
9146	**9.0**	**2.3438**	**+0.0016**	**+ 3.185**	**+0.336**	— —
73.	9. 1	3	18 36 32.890	28 53 37.39		
90.	8.30	7	32.883	35.92		
9147	**9.3**	**2.3497**	**+0.0016**	**+ 3.186**	**+0.337**	28°3055
77.	8.15	3	18 36 33.802	28 41 50.31		Z.C. δ $49''.5$
79.	8.26	3	33.908	49.46		
85.	9. 9	7	33.746	49.78		
85.	9.11	7	33.869	48.56		
9148	**9.1**	**2.3522**	**+0.0016**	**+ 3.197**	**+0.338**	28°3056
72.	7.15	3	18 36 41.794	28 36 57.14		
74.	8.21	3	41.753	56.31		
75.	9.15	3	41.902	56.36		
9149	**9 0**	**2.3269**	**+0.0016**	**+ 3.211**	**+0.334**	29°3320
73.	8. 7	2	18 36 51.291	29 27 23.15		
75.	8.30	3	51.251	21.73		
76.	8.17	3	51.068	22.49		
9150	**8.2**	**2.4593**	**+0.0014**	**+ 3.213**	**+0.352**	24°3499
73	8 5	3	18 36 52.716	24 54 45.96		
73.	8. 9	3	52.630	45.42		
75.	8.31	2	52.494	44.14		
75.	9. 9	3	52.703	43.95		
76.	8 9	3	52 568	44.36		
9151	**9.0**	**2.4264**	**+0 0015**	**+ 3.219**	**+0.348**	26°3333
75.	8.25	1	18 36 56.628	26 4 43.50		
90.	9.11	7	56 614	41.85		
9152	**9 3**	**2.3222**	**+0 0016**	**+ 3.223**	**+0.333**	— —
74.	8. 3	3	18 36 59.299	29 36 52.64		
78.	8.28	3	59 506	50.30		
9153	**9.3**	**2.3828**	**+0.0015**	**+ 3.228**	**+0.342**	— —
78.	8.29	3	18 37 2.907	27 35 4.01		†
9154	**9 2**	**2 3458**	**+0 0016**	**+ 3.240**	**+0.337**	28°3059
73.	8.15	3	18 37 11 653	28 50 16.77		
73.	9. 1	3	11.662	15.84		
75.	8. 2	3	11 701	15 57		
78.	9. 2	3	11.554	17.78		
82.	9. 9	3	11.638	16.06		
9155	**9.1**	**2.3990**	**+0.0015**	**+ 3.241**	**+0.344**	27°3083
72.	8.19	3	18 37 12.375	27 1 60.49		
74.	8 25	1	12.452	60.90		
76	8.14	3	12.447	58.90		
9156	**9.0**	**2.3848**	**+0.0015**	**+ 3.244**	**+0.342**	27°3084 A
75.	8.27	3	18 37 14.423	27 31 19.53		d.s.p.
78.	8.29	2	14.349	19.70		c.d.s.p.
79.	8.11	3	14.297	18.63		Z.C. δ $19''.1$
79.	8.30	2	14.463	18.37		
9157	**9.0**	**2.3847**	**+0.0015**	**+ 3.246**	**+0.342**	27°3084 B
79.	8.11	1	18 37 15.315	27 31 24.66		
79.	8.30	2	15.143	25.03		
9158	**$9^{\mathrm{m}}.4$**	**$2^{\mathrm{s}}.3821$**	**$+0^{\mathrm{s}}.0015$**	**$+\ 3''.246$**	**$+0''.342$**	— —
74.	8. 8	3	$18^{\mathrm{h}}37^{\mathrm{m}}15^{\mathrm{s}}.141$	27° 36′ $49''.94$		
74.	8.25	3	15.320	48.86		
9159	**9.5**	**2.4465**	**+0.0014**	**+ 3.248**	**+0.350**	25°3603
74.	7.13	3	18 37 16.994	25 22 30.85		†
9160	**9.1**	**2.4240**	**+0 0015**	**+ 3.255**	**+0 347**	26°3335
84.	8.22	5	18 37 21.499	26 10 19.23		
84.	8.23	7	21.597	19.06		
84.	9. 5	5	21 472	18.46		
9161	**7.5**	**2.3707**	**+0.0015**	**+ 3.264**	**+0.340**	27°3085
75.	9.20	3	18 37 27.903	28 0 14.57		
79.	8. 7	2	27.750	15.42		
88.	8.25	7	27.776	16.74		
9162	**8.5**	**2.3841**	**+0.0015**	**+ 3 270**	**+0.342**	27°3086
74.	9. 2	3	18 37 32.342	27 32 57.73		
79.	8.21	3	32.534	58.57		
9163	**9.1**	**2.3166**	**+0.0016**	**+ 3.276**	**+0.332**	29°3323
85.	9. 3	7	18 37 36.271	29 48 29.37		
86.	9.11	7	36.331	28.14		
87.	8.24	7	36.369	29.78		
9164	**8.2**	**2.4388**	**+0.0015**	**+ 3.283**	**+0.349**	25°3606
73.	8.21	3	18 37 40.962	25 39 10.07		
74.	7.29	3	40.939	8.91		
74.	9.14	3	40.990	9.26		
9165	**8.8**	**2.4491**	**+0.0014**	**+ 3.290**	**+0.351**	25°3607
74.	7.24	3	18 37 46.062	25 17 27.57		
74.	8.20	3	46.077	28.47		
75.	9. 9	3	46.135	28.09		
76.	8. 9	3	46.031	28.35		
79	8.29	3	46.166	27.91		
9166	**8.5**	**2.3759**	**+0 0015**	**+ 3.295**	**+0.341**	27°3087
72.	7.20	3	18 37 50.036	27 50 7.15		
76.	8.14	1	49.867	5.51		
80.	8.23	3	49 864	6.81		
80.	8.24	3	49 863	6.23		
82.	9.23	3	50.017	7.01		
9167	**7.4**	**2.3658**	**+0.0015**	**+ 3.305**	**+0.339**	28°3063
72.	7.15	1	18 37 56.756	28 10 49.63		
73.	8 15	3	56.307	51.14		
76.	8.16	3	56.367	49.34		-1^{m}
77.	8.15	3	56.439	50.10		
78.	8.19	1	56.349	51.37		
81.	8.10	3	56 547	49.67		
9168	**8.6**	**2.4477**	**+0 0014**	**+ 3.309**	**+0.351**	25°3608
73.	8. 9	3	18 37 59.403	25 20 41.79		
75.	9. 9	2	59.526	40.43		
75.	9.16	3	59.250	40.77		
79.	8.29	2	59.404	40.17		
9169	**8.0**	**2.3555**	**+0.0015**	**+ 3.311**	**+0.337**	28°3064
74.	8.11	2	18 38 0.621	28 31 31.86		
74.	8.21	1	0.530	32.29		
78.	8.28	3	0.577	31.99		

9170	$9^m.1$		$2^s.4347$ $+0^s.0015$	$+ 3''.315$ $+0''.349$	25°3609
	84. 8.21	7	$18^h 38^m 3^s.182$	$25° 48' 21''.87$	
	86. 9.10	5	3.358	21.91	§
	87. 8.29	5	3.209	22.50	
	87. 8.31	7	3.249	22.55	
9171	8.9		2.3685 +0.0015	+ 3.325 +0.340	28°3065
	75. 8. 2	3	18 38 10.545	28 5 30.02	Z.C. δ $30''.1$
	75. 9.15	3	10.699	29.64	
	80. 8.28	2	10.689	30.64	
	81. 9.23	3	10.793	30.12	
9172	8.7		2.3206 +0.0015	+ 3.326 +0.332	29°3326
	73. 8.30	2	18 38 10.864	29 41 6.58	
	74. 8. 3	3	11.025	8.68	
	75. 7.24	3	10.842	7.09	-1^m
	75. 8.30	3	10.860	6.30	
9173	9.3		2.4579 +0.0014	+ 3.329 +0.352	24°3506
	86. 8.31	7	18 38 12.970	24 59 0.01	
	87. 8.25	5	13.165	0.70	
	87. 8.27	5	13.100	0 39	
	88. 8.22	5	13.142	1.01	
9174	8.4		2.3471 +0.0015	+ 3.332 +0.336	28°3066
	80. 8.31	2	18 38 15.217	28 48 47.09	
	80. 9.16	3	15.247	47.63	
	82. 9. 9	3	15.360	47.65	
9175	9.0		2.3206 +0.0015	+ 3.337 +0.332	29°3327
	73. 8. 7	3	18 38 18.964	29 41 36.16	
	73. 8.30	1	18.943	34.69	
	74. 8. 3	3	18.835	37.51	
	84. 8.29	7	18.896	36.02	$+1^m$
	87. 8.22	5	18.856	35.71	
	87. 9. 3	5	18.999	37.05	
9176	9.0		2.4570 +0.0014	+ 3.346 +0.352	25°3610
	73. 8. 5	3	18 38 24.856	25 1 15.48	
	73. 8.21	3	24.712	16.50	
	74. 8.20	3	24.711	14.98	
	75. 8.31	3	24.860	15.58	
9177	9.0		2.3822 +0.0015	+ 3.352 +0.341	27°3088
	74. 8. 8	3	18 38 29.097	27 37 58.81	
	74. 9. 2	2	29.326	57.36	
	75. 9.20	3	29.496	57.83	
	79. 8.11	1	29.381	58.01	
9178	9.0		2.3835 +0.0015	+ 3.352 +0.341	27°3089
	72. 8.19	3	18 38 29.646	27 35 27.11	d. l.
	78. 8.29	2	29.526	27.13	
9179	9.0		2.4262 +0.0015	+ 3.356 +0.348	26°3339
	73. 8. 6	3	18 38 31.697	26 6 42.30	
	73. 8.14	3	31.520	42.00	
	90. 9. 8	7	31.779	42.29	
9180	8.7		2.3719 +0.0015	+ 3.374 +0.339	27°3091
	72. 7.22	3	18 38 44.692	27 59 16.11	
	74. 8.25	3	44.807	14.80	
	79. 8. 4	3	44.807	14.95	
9181	$9^m.2$		$2^s.3418$ $+0^s.0015$	$+ 3''.391$ $+0''.335$	28°3067
	73. 8.15	2	$18^h 38^m 56^s.509$	$29° 0' 10''.97$	
	73. 9. 1	3	56.417	11.91	
	81. 9.15	3	56.526	12.90	
	82. 9. 7	3	56.482	11.81	
	96. 8.22	7	56.505	10.98	§
	96. 8.26	7	56.391	12.40	§
	96. 8.27	7	56.454	12.06	§
9182	8.3		2.4441 +0.0014	+ 3.399 +0.350	25°3614
	73. 8. 9	3	18 39 1.774	25 29 25.35	
	74. 7.24	3	1.705	23.76	
	74. 9.14	3	1.646	24.90	
	75. 8.31	2	1.623	25.00	
	76. 8. 9	3	1.735	24.54	
9183	9.1		2.4224 +0.0015	+ 3.402 +0.347	26°3340
	75. 8. 4	3	18 39 4.465	26 15 17.59	Z.C. δ $16''.4$
	81. 8.10	3	4.343	15.51	
	84. 9. 5	5	4.333	16.12	
9184	9.4		2.4350 +0.0015	+ 3.404 +0.349	25°3615
	74. 7.29	3	18 39 5.393	25 48 43.32	
	75. 9.16	3	5.643	43.74	
9185	9.3		2.4609 +0.0014	+ 3.409 +0.352	24°3514
	74. 8.20	2	18 39 8.931	24 53 33.88	†
9186	7.7		2.4267 +0.0015	+ 3.412 +0.348	26°3341
	73. 8. 6	3	18 39 11.088	26 6 16.84	Z.C. δ $16''.8$
	73. 8.14	3	10.940	17.30	
	74. 8.28	3	10.999	16.39	
	75. 8.25	3	11.011	17.04	
	76. 8.22	3	11.095	16.18	
	77. 8.30	3	11.108	17.20	
9187	9.0		2.3165 +0.0015	+ 3.415 +0.332	29°3331
	73. 8.22	3	18 39 19.954	29 50 40.24	
	74. 8. 6	3	19.931	40.88	
	74. 8.19	3	19.965	41.80	
	76. 8.17	3	19.887	40.49	
9188	7.3		2.3725 +0.0015	+ 3.431 +0.339	27°3095
	72. 7.20	3	18 39 24.641	27 58 30.62	
	72. 7.22	1	24.641	30.40	
	75. 8.27	3	24.691	30.27	
	79. 8. 4	2	24.602	31.01	
9189	8.0		2.3894 +0 0014	+ 3.440 +0.342	27°3096
	72. 8.19	3	18 39 30.359	27 24 12.41	
	74. 8. 8	3	30.243	14.01	
	76. 8.14	3	30.302	11.93	
9190	8.9		2.3182 +0.0015	+ 3.446 +0.332	29°3332
	74. 9. 4	3	18 39 34.982	29 47 34.31	Z.C. δ $34''.3$
	74. 9.12	3	34.848	34.49	
	75. 7.24	3	34.930	33.47	
	77. 9. 5	3	34.954	34.69	
	82. 9. 4	3	35.081	34.09	
	82. 9. 8	3	35.032	34.21	
	84. 8.22	7	34.947	34.95	
9191	9.5		2.4347 +0.0014	+ 3.451 +0.349	— —
	73. 8. 5	3	18 39 38.459	25 49 48.80	†

9192	$9^{m}.5$	$2^{s}.3409$ +$0^{s}.0015$	+ 3″.454 +0″.335	29°3333
73. 8.30	2	$18^{h}39^{m}40^{s}.355$	29° 2′ 34″.73	Z.C. δ 34″.8
77. 9. 5	2	40.421	34.90	v. ft.
82. 9. 7	2	40.534	34.72	
9193	7.5	2.4280 +0 0014	+ 3.463 +0. 348	26°3344
73. 8. 6	3	18 39 46.418	26 4 15.37	Z.C. α $46^{s}.43$
73. 8.14	2	46.460	15.41	
74. 8.28	3	46.428	15.09	
75. 8.25	3	46.326	15.02	
76. 8.22	3	46.539	14.50	
9194	9.0	2.4612 +0 0014	+ 3.464 +0 352	24°3519
73. 8.21	3	18 39 47.345	24 53 31.87	
74. 9.14	3	47.471	31.08	
9195	9.0	2.4236 +0.0014	+ 3.465 +0.347	26°3345
75. 8. 4	3	18 39 47.862	26 13 28.61	
90. 9.15	7	47.859	25.82	C + 30″
9196	9.4	2.4410 +0.0014	+ 3.478 +0.350	25°3618
73. 8. 9	3	18 39 57.114	25 36 45.83	
75. 9. 6	4	57.160	45.81	-1^{m}
75. 9. 9	2	57.131	45.52	
9197	8.8	2 3331 +0.0015	+ 3.489 +0.334	29°3335
74. 8. 6	3	18 40 4.585	29 18 39 89	
74. 9. 4	2	4.929	39.22	−1′
75. 8.30	3	4.717	39.89	
9198	9.0	2.3361 +0.0015	+ 3 492 +0.334	— —
75. 7.24	2	18 40 6.418	29 12 41.76	
92. 8. 6	7	6.772	41.98	
9199	9.3	2.4479 +0.0014	+ 3.507 +0.350	25°3621
74. 7.24	3	18 40 16.958	25 22 32.35	†
9200	9.4	2.3502 +0.0015	+ 3.509 +0.336	28°3071
92. 8. 3	7	18 40 18.430	28 44 45.37	
92. 8. 8	7	18.611	43.95	
9201	9.2	2.3755 +0.0015	+ 3.516 +0.339	27°3100
74. 8 25	3	18 40 23.442	27 53 43.24	
74. 9. 2	3	23.715	42.54	+ 1′
76. 8.14	1	23.843	42.11	
9202	9.2	2.3553 +0.0015	+ 3.526 +0.337	28°3072
85. 9. 3	7	18 40 30.580	28 34 41.69	
87 8.29	5	30.786	42.05	
9203	9.5	2.4405 +0 0014	+ 3.528 +0.349	— —
73. 8. 5	3	18 40 31.759	25 38 27.32	†
9204	8.7	2.3100 +0.0015	+ 3.530 +0.330	30°3289
73. 8. 7	3	18 40 32.757	30 4 43.56	
73. 8.22	3	32.797	44.18	+ 5′
74. 8. 3	3	32.840	45.56	
9205	8.1	2.3688 +0.0015	+ 3.532 +0.338	28°3073
72. 7.15	3	18 40 34.591	28 7 34.09	
73. 9. 1	3	34.386	34.49	d. l.
74. 8 21	2	34.413	34.94	-1^{m}
75. 8. 2	2	34.479	34.03	d. l.
75. 9.15	3	34.345	33.84	
76. 8 16	3	34.404	34.26	

9206	$9^{m}.2$	$2^{s}.4613$ +$0^{s}.0014$	+ 3″.534 +0″.351	24°3525
87. 8.31	7	$18^{h}40^{m}35^{s}.831$	24° 54′ 4″.58	†
9207	8.9	2.3926 +0.0014	+ 3.535 +0.342	27°3101
72. 7.20	3	18 40 36.923	27 18 50.78	
72. 8.19	3	36.853	51.29	
75. 8 27	3	36.815	50.43	
9208	9.4	2.3760 +0.0015	+ 3.548 +0.339	27°3104
74. 9. 2	3	18 40 45.254	27 52 43.06	
79. 8.11	3	45.472	43.25	
9209	9.3	2.3806 +0.0015	+ 3.557 +0.340	27°3105
84. 8.21	5	18 40 51.694	27 43 39.17	
84. 8 23	5	51.808	39.79	
9210	9.2	2.3821 +0.0015	+ 3.565 +0.340	27°3106
75. 9.20	3	18 40 57.407	27 40 45.76	Z.C. δ 45″.4
79. 8. 4	2	57.496	45.21	
79. 8. 7	3	57.470	46.00	
81. 8.10	3	57.522	44.48	
9211	4.9	2.4154 +0.0014	+ 3.572 +0.345	26°3349
74. 7.28	3	18 41 2.293	26 31 46.59	
74. 7.30	3	2.194	46.92	
75. 8. 4	3	2.233	48.13	
75. 8.25	3	2.158	47.57	
77. 8.30	3	2.131	47.62	
9212	9.0	2.3625 +0.0015	+ 3.574 +0.338	28°3074
73. 8.15	3	18 41 3.701	28 20 50.43	
74. 8.11	3	3.668	52.04	
76. 8.16	3	3.852	50.62	
9213	9.0	2.3374 +0.0015	+ 3.577 +0.334	29°3339
74. 8.19	1	18 41 5.684	29 11 21.65	
76. 8.17	2	5.720	21.63	
90. 9. 8	7	5.638	18.82	n. of 2
9214	9.0	2.3669 +0.0015	+ 3 579 +0.338	28°3075
73. 9. 1	3	18 41 7.381	28 11 58.67	
77. 8.15	3	7.517	59.46	
82. 9. 9	3	7.421	58.17	
9215	9.5	2.4119 +0.0014	+ 3.588 +0.344	26°3351
74. 8.28	3	18 41 13 402	26 39 27.86	
92. 8.15	6	13.631	27.87	
9216	9.0	2.3715 +0.0015	+ 3.601 +0.339	28°3076
73. 8 15	3	18 41 22.378	28 2 55.17	
74. 8.11	3	22.385	55.68	
75. 8. 2	3	22.388	54.35	
75. 9.15	3	22.463	55.08	
9217	9.1	2.3981 +0.0014	+ 3.610 +0.343	27°3108
72. 8.19	1	18 41 28.766	27 8 22.24	
74. 8. 8	3	28.694	22.78	
79. 8.11	3	28.618	24.05	
9218	8.1	2.4476 +0.0014	+ 3.613 +0.349	25°3623
73. 8.21	3	18 41 30.745	25 24 23.08	
74. 7.29	3	30.730	21.51	
74. 9.14	3	30.687	21.93	
75. 8.31	3	30.810	22.78	
75. 9.16	3	30.761	21.77	

9219	$9^{m}.2$		$2^{s}.4030$ $+0^{s}.0014$	$+ 3''.614$ $+0''.343$	26°3353
76.	8.11	3	$18^{h}41^{m}31^{s}.648$	26° 58′ 15″.28	Z.C.δ 14″.5
76.	8.22	3	31.670	13.21	ex. ft.
77.	8.17	3	31.482	15.00	
9220	9.1		2.3674 +0 0015	+ 3.616 +0.338	28°3077
74.	8.21	3	18 41 32.698	28 11 33.11	Z.C. Ep. 79.8
78.	8.19	3	32.809	33.99	
79.	8.30	3	32.716	32.21	
80.	9.16	3	32.823	33.54	
82.	9. 7	3	32.784	33.59	
82.	9. 8	3	32.820	32.13	
9221	8.9		2.4208 +0.0014	+ 3.618 +0.346	26°3354
74.	8.28	3	18 41 34.247	26 21 13.05	Z.C.δ 14″.2
77.	8.17	2	34.256	14.62	
78.	8.29	3	34.723	15.18	
78.	8.29	2	34.513	14.09	
9222	9.3		2.4607 +0.0014	+ 3.630 +0.351	24°3532
73	8. 9	3	18 41 42.757	24 56 42.11	†
9223	8.2		2.3922 +0.0014	+ 3.636 +0.342	27°3111
72.	7.20	3	18 41 46.931	27 20 51.21	
72.	7.22	3	46.710	52.85	
74.	8.25	3	46.800	51.87	
79.	8. 4	2	46.746	52.79	
9224	8.9		2.4142 +0.0014	+ 3.638 +0.345	26°3356
73.	8. 6	3	18 41 48.307	26 35 20.42	
76.	8.11	2	48.242	20.32	
77.	8.30	3	48.439	22.01	
9225	8.9		2.4615 +0.0014	+ 3 644 +0.351	24°3536
73.	8. 9	2	18 41 52.759	24 54 58.48	
74	8.20	3	52.833	57.90	
75.	9. 6	3	52.871	57.05	
75.	9. 9	3	52.871	57.32	
76.	8. 9	3	52.782	58.17	
9226	9.2		2.4333 +0.0014	+ 3.646 +0.347	25°3625
74.	7.24	3	18 41 53.672	25 55 5.73	
75.	8.31	3	53.717	6.10	
9227	9.5		2.3382 +0.0015	+ 3.650 +0.333	29°3343
73.	8. 7	3	18 41 56.569	29 10 52.74	
74.	8. 3	3	56.453	53.11	
74.	8.19	2	56.565	51.78	
78.	8.28	3	56.706	51.13	
9228	9.1		2.3929 +0.0014	+ 3 658 +0.342	27°3112
87.	8.29	5	18 42 2.508	27 19 44.99	†
9229	9.4		2.4329 +0.0014	+ 3.664 +0.347	25°3627
73.	8. 5	3	18 42 6.700	25 56 18.49	†
9230	9.5		2.3332 +0.0015	+ 3 668 +0.333	29°3344
73.	8.30	3	18 42 9.559	29 20 43.38	
74.	8. 6	3	9.650	43.02	
74.	9. 4	3	9.661	43.82	
75.	7.24	3	10.036	44.00	§
76.	8.17	3	9.704	43.30	
9231	$9^{m}.5$		$2^{s}.3844$ $+0^{s}.0014$	$+ 3''.669$ $+0''.341$	27°3113
74.	8.25	3	$18^{h}42^{m}10^{s}.054$	27° 37′ 28″.50	†
9232	9.5		2.4617 +0.0014	+ 3.672 +0.351	— —
73.	8.21	3	18 42 12.007	24 55 2.86	†
9233	9.3		2.3187 +0.0015	+ 3.679 +0.331	29°3345
87.	9. 5	5	18 42 17.228	29 49 49.77	†
9234	9.4		2.4117 +0.0014	+ 3.681 +0.344	26°3360
73.	8.14	3	18 42 18.210	26 41 4.09	
75.	8. 4	3	18.312	5.00	
75.	8.25	3	18.276	4.49	
9235	9.5		2.3256 +0.0015	+ 3.682 +0.332	29°3346
84.	8.21	5	18 42 19.108	29 36 9.78	†
9236	8.8		2.3649 +0.0015	+ 3.683 +0.337	28°3078
72.	7.15	2	18 42 19.638	28 17 18.54	Z.C.α $19^{s}.52$
73	9. 1	3	19.403	19.01	
75.	9.15	3	19.692	17.76	
76.	8.16	3	19.527	18.84	
78.	9.11	1	19.397	19.81	− 15′
80	8.23	3	19.484	18.23	d.f.
82	9. 9	3	19.487	18.28	
9237	9.2		2 3656 +0.0015	+ 3.685 +0.337	28°3079
75.	9.15	1	18 42 21.162	28 16 5.66	
93.	7. 5	7	21.133	6.77	
9238	8.1		2.3484 +0.0015	+ 3.692 +0.335	28°3081
80.	9 16	2	18 42 26.106	28 51 1.20	
82.	9. 8	3	26.126	0.94	
83.	8.14	1	26.012	0.59	
9239	9.2		2.3202 +0.0015	+ 3.702 +0.331	29°3347
84.	8.22	5	18 42 33.347	29 47 6.52	†
9240	8.5		2.3902 +0.0014	+ 3.708 +0.341	27°3115
72.	8.19	1	18 42 37.439	27 25 58.01	+ 1′
74.	8. 8	3	37.233	59.01	
74	9.21	3	37.325	58.16	
75	8.27	3	37.249	59.88	
76.	8.14	3	37.323	58.69	
9241	9.2		2.3409 +0.0015	+ 3.714 +0.334	29°3348
84.	8 23	5	18 42 41.212	29 6 18.32	
90.	9.15	7	41.206	18.16	
9242	8.3		2.3468 +0.0015	+ 3.718 +0.334	28°3084
75.	8. 2	1	18 42 43.809	28 54 20.90	
78.	8.19	3	43.949	20.68	
80.	9 16	2	44.025	20.68	
82.	9. 9	2	44.009	21.51	
9243	9.5		2.3328 +0.0015	+ 3.724 +0.332	29°3349
73.	8. 7	2	18 42 48.167	29 22 24.93	†
9244	8.4		2.3565 +0.0015	+ 3.726 +0.336	28°3085
73.	8.15	3	18 42 49.494	28 35 1.62	
79	8.30	3	49.591	0.44	

9245 $7^{m}.6$ $2^{s}.3588$ $+0^{s}.0015$ $+ 3''.726$ $+0''.336$ 28°3086

74. 8.11	3	$18^{h}42^{m}50^{s}.041$	28° 30′ 26″.36	
83. 8. 9	3	50.035	24.87	
88. 8.29	5	50.127	24.84	

9246 9.5 2.3266 +0.0015 + 3.748 +0.332 29°3351

86. 9. 9	5	18 43 4.913	29 34 55.17	†

9247 8 3 2.3469 +0.0015 + 3.751 +0.334 28°3087

79. 8.30	3	18 43 7.398	28 54 48.72	
81. 8.10	3	7.197	47.30	
82. 9. 8	3	7.362	47.63	
82. 9. 9	1	7.136	49.65	

9248 8.4 2.4343 +0.0014 + 3.761 +0.347 25°3630

73. 8. 5	3	18 43 14.489	25 54 34.03	
74. 7.24	3	14.391	32.59	
76. 8. 9	3	14.449	33.34	

9249 9.0 2.4431 +0.0014 + 3.763 +0.349 25°3631

74. 7.29	3	18 43 15.611	25 36 2.60	
74. 8.20	3	15.724	2.14	
79. 8. 6	3	16.023	2.46	
84. 9.20	5	15.702	1.26	

9250 8.5 2.3187 +0.0015 + 3.770 +0.331 29°3352

73. 8. 7	1	18 43 20.526	29 50 56.98	
73. 8.30	3	20.378	56.89	
74. 8. 3	3	20.423	58.00	
74. 9.12	3	20.442	56.85	
75. 8.30	3	20.382	56.36	
76. 8.17	3	20.571	56.77	
78. 8.28	3	20.360	55.45	

9251 9.3 2.4129 +0.0014 + 3.775 +0.344 — —

73. 8. 6	3	18 43 23.899	26 39 42.59	
74. 8.28	3	23.694	43.64	
76. 8.11	2	23.772	42.24	
77. 8.30	3	23.895	44.02	
90. 9.12	5	23.777	42.66	

9252 8.8 2.3119 +0.0015 + 3.776 +0.330 30°3301

84. 8.29	5	18 43 24.706	30 4 26.30	
84. 9. 5	7	24.676	26.51	
84. 9.10	7	24.722	26.55	

9253 9.3 2.3538 +0.0014 + 3.778 +0.335 28°3088

82. 9. 7	3	18 43 25.980	28 41 11.85	
92. 8. 8	7	26.029	12.45	

9254 9.4 2.4613 +0.0013 + 3.803 +0.351 24°3543

87. 8.22	5	18 43 43.708	24 57 37.26	
88. 8.25	5	43.674	36.79	

9255 9.5 2.4144 +0.0014 + 3.809 +0.344 26°3362

73. 8.14	3	18 43 48.121	26 37 6.14	
75. 8.25	3	47.858	3.97	v. ft.

9255^{a} 9.3 2.4250 +0.0014 + 3.813 +0.346 — —

90. 9. 8	5	18 43 50.491	26 14 55.53	† p. of 2

9256 9.5 2.4607 +0.0013 + 3.820 +0.351 24°3544

86. 9.13	5	18 43 55.488	24 59 3.30	
88. 8.22	5	55.560	2.47	

9257 $9^{m}.1$ $2^{s}.4176$ $+0^{s}.0014$ $+ 3''.822$ $+0''.344$ 26°3363

74. 7.28	3	$18^{h}43^{m}56^{s}.502$	26° 30′ 32″.58	+ 15′
79. 8. 6	3	56.580	32.18	Z.C. α 56^{s}.58
92. 8. 6	7	56.663	32.98	

9258 9.2 2.3677 +0.0014 + 3.822 +0.337 28°3090

85. 9. 3	5	18 43 57.015	28 13 41.84	
85. 9. 4	5	56.757	43.20	+ 5′
90. 8.30	7	57.171	40.81	

9259 A mistake in the reduction: see 9255^{a} above

9260 6.3 2.4629 +0.0013 + 3.836 +0.351 24°3545

73. 8. 9	3	18 44 6.395	24 54 22.17	Z.C. Ep. 81.2
79. 8.29	3	6.432	21.26	
82. 9.23	3	6.430	22.02	
88. 8.29	3	6.467	21.26	

9261 8.8 2.3532 +0.0014 + 3.841 +0.335 28°3091

72. 7.15	3	18 44 10.399	28 43 14.28	Z.C. α 10^{s}.23
73. 9. 1	3	10.225	14.29	+ 30′
74. 8.11	3	10.233	14.52	
74. 8.21	3	10.158	14.51	
75. 9.15	3	10.171	14.83	
76. 8.r6	3	10.217	14.34	

9262 9.5 2.3125 +0.0015 + 3.842 +0.330 30°3305

85. 9. 1	4	18 44 10.941	30 4 20.28	†

9263 7.6 2.3869 +0.0014 + 3.848 +0.340 27°3122

72. 7.20	3	18 44 15.029	27 34 42.63	
72. 7.22	3	15.058	44.28	
72. 8.19	1	14.851	42.61	
74. 8.25	1	15.107	44.74	
74. 9. 2	3	14.957	43.03	

9264 9.4 2.4611 +0.0013 + 3.849 +0.351 — —

81. 8.10	3	18 44 15.394	24 58 37.00	†

9265 9.0 2.4298 +0.0014 + 3.853 +0.346 26°3365

74. 8.28	3	18 44 18.182	26 5 20.79	
78. 8.29	3	18.312	20.71	
79. 8.25	3	18.299	20.28	

9266 9.2 2.3944 +0.0014 + 3.861 +0.341 27°3124

74. 8. 8	3	18 44 23.983	27 19 24.29	
76. 8.14	3	24.094	24.72	
79. 8. 4	3	23.758	24.80	
79. 8.11	3	24.084	24.81	

9267 8.8 2.3844 +0.0014 + 3.861 +0.339 27°3125

78. 9. 6	3	18 44 24.375	27 40 4.19	
79. 8. 4	1	24.464	3.72	
88. 9.17	7	24.284	1.94	

9268 8.8 2.4484 +0.0013 + 3.862 +0.349 25°3633

73. 8.21	3	18 44 24.625	25 25 60.97	
74. 7.29	3	24.536	58.75	
82. 9. 8	3	24.702	58.30	

9269 9.2 2.4098 +0.0014 + 3.864 +0.343 26°3366

85. 9. 9	5	18 44 26.359	26 47 36.95	
85. 9.11	5	26 379	36.88	

9270	$9^{m}_{\cdot}5$	$2^{s}_{\cdot}4327$	$+0^{s}_{\cdot}0014$	$+ 3''_{\cdot}865$	$+0''_{\cdot}347$	— —
73.	8. 5	2	$18^{h}44^{m}26^{s}_{\cdot}843$	$25^{\circ}59'29''_{\cdot}10$		
73.	8.21	1	26.695	28.41		
9271	8.7	2.3874	+0.0014	+ 3.867	+0.340	27°3126
74.	8.25	3	18 44 27.952	27 34 9.82		
74.	9. 2	3	27.866	10.14		
79.	8. 7	3	28.022	10.97		
9272	8.5	2.3393	+0.0014	+ 3.876	+0.333	29°3357
73.	8.30	3	18 44 34.489	29 11 34.20		
74.	8. 6	3	34.460	35.34		
75.	7.24	3	34.503	35.69		
75.	8.30	3	34.575	34 23		
76.	8.17	3	34.456	35.04		
9273	9.2	2.4280	+0.0013	+ 3.885	+0.346	26°3367
79.	8. 6	2	18 44 40.999	26 9 34.36		
86.	8.31	5	40.798	34.60		
86.	9. 6	5	40.913	33.86		
87.	8.24	5	40.996	35.88		
9274	8.5	2.3726	+0.0014	+ 3.886	+0.338	28°3093
73.	8.15	3	18 44 41.499	28 4 35.40		
73.	9. 1	2	41.605	34.70		
78.	8.28	3	41.571	35.99		w. $3-2^{s}$
9275	9.1	2.3668	+0.0014	+ 3.893	+0.337	28°3094
84.	8.22	5	18 44 46.231	28 16 26.99		
84.	8.23	7	46.186	27.07		
84.	9. 2	5	46.288	26.75		§
9276	9.5	2.4138	+0.0014	+ 3.899	+0.343	— —
73.	8. 6	3	18 44 50.407	26 39 33.59		†
9277	6.9	2.4247	+0.0013	+ 3.902	+0.345	26°3368
73.	8.14	3	18 44 52.556	26 16 52.60		
74.	8.28	3	52.626	52.21		
75.	8.25	3	52.640	52.94		
9278	8.9	2.3649	+0.0014	+ 3.911	+0.337	28°3095
76.	8.16	3	18 44 59.147	28 20 36.98		
78.	9.11	3	59.003	37.89		
9279	9.1	2.4618	+0.0013	+ 3.920	+0.350	24°3549
84.	9.11	7	18 45 5.560	24 58 0.24		
84.	9.12	7	5.598	0.24		
9280	9.2	2.3440	+0.0014	+ 3.927	+0.334	29°3360
84.	9.20	5	18 45 10.372	29 2 53.62		
86.	9.11	5	10.370	55.02		
87.	9. 8	5	10.458	55.10		
9281	7.5	2.3253	+0.0014	+ 3.930	+0.331	29°3361
73.	8. 7	3	18 45 12.455	29 40 19.22		
73.	8.30	3	12.573	16.82		
74.	9.12	3	12.447	18.81		
75.	8.30	3	12.512	17.90		
9282	9.4	2.4641	+0.0013	+ 3.937	+0.350	24°3551
86.	9. 9	4	18 45 17.528	24 53 13.33		v. ft.
88.	9. 6	7	17.308	12.76		
9283	$9^{m}_{\cdot}4$	$2^{s}_{\cdot}4075$	$+0^{s}_{\cdot}0014$	$+ 3''_{\cdot}939$	$+0''_{\cdot}342$	26°3369
73.	8. 6	3	$18^{h}45^{m}18^{s}_{\cdot}903$	$26^{\circ}53'14''_{\cdot}21$		
73.	8.14	3	18.963	16.53		
80.	8.23	3	18.898	15.51		
9284	9.2	2.3130	+0.0014	+ 3.941	+0.329	30°3315
85.	9. 3	5	18 45 20.468	30 4 49.59		
85.	9. 4	4	20.470	49.57		
9285	8.9	2.3424	+0 0014	+ 3.947	+0.333	29°3363
74.	8. 6	3	18 45 24.292	29 6 29.50		Z.C. α $24^{s}_{\cdot}32$
74.	8.19	3	24.158	29.51		
75.	7.24	3	24.532	28.99		
84.	8.21	6	24.358	29.63		
84.	8.29	5	24.272	28.97		
9286	9.3	2.4324	+0.0013	+ 3.948	+0.346	25°3639
79.	8 29	1	18 45 24.630	26 1 7.03		
92.	8.15	5	24.790	7.94		Z.C. α $24^{s}_{\cdot}77$
92.	8.17	4	24.878	8.69		
9287	9.0	2.3534	+0.0014	+ 3.959	+0.335	28°3098
73.	8.15	3	18 45 32.538	28 44 34.64		
75.	9.15	3	32.681	34.51		
79.	8.30	3	32.722	34.01		
9288	8.0	2.3642	+0.0014	+ 3.972	+0.336	28°3099
72.	7.15	3	18 45 41.971	28 22 48.35		
73.	9. 1	3	41.796	48.42		
74.	8.11	3	41.798	48.52		
75.	8. 2	3	41.851	48.20		
79.	9. 1	3	41.955	47.34		
9289	9.2	2.3714	+0.0014	+ 3.978	+0.337	28°3100
88.	8.25	7	18 45 45.856	28 8 28.69		†
9290	9.1	2.3302	+0.0014	+ 3.986	+0.331	29°3365
81.	8.10	3	18 45 51.350	29 31 30.71		
87.	8.22	5	51.322	32.10		+ve A − 5″
90.	9.15	5	51.246	30.86		
9291	8.1	2.3877	+0.0014	+ 3.987	+0.340	27°3132
72.	7.20	3	18 45 52.240	27 35 5.92		
72.	7.22	3	52.329	8.26		
72.	8.19	2	52.367	5.49		
76.	8.14	3	52.328	5.43		
85.	9. 1	2	52.497	4.62		
9292	8.6	2.3114	+0.0014	+ 3.988	+0.328	30°3321
73.	8. 7	2	18 45 53.124	30 8 37.03		
73.	8.22	3	52.909	38.15		
73.	8.30	3	53.153	36.18		
74.	8. 3	2	53.100	39.60		
76.	8.17	3	53.064	37.47		
9293	9.1	2.4363	+0.0013	+ 3.990	+0.346	25°3642
73.	8. 9	3	18 45 54.269	25 53 26.25		
86.	9.13	5	54.382	25.59		
90.	8.30	5	54.490	24.79		
9294	9.2	2.3972	+0.0014	+ 3.992	+0.341	27°3135
74.	8. 8	3	18 45 55.803	27 15 27.37		
78.	8.29	3	55.805	26.74		
78.	9. 6	3	55.840	28.29		
79.	8.11	3	55.778	26.66		

9295	$8^{m}3$	$2^{s}3287$	$+0^{s}0014$	+ 4″012	+0″331	29°3367
74.	9.12	3	$18^{h}46^{m}\ 9^{s}625$	29° 34′ 44″93		
75.	7.24	3	9.623	45.98		
80.	9.16	3	9.766	45.80		

9296	9.2	2.3436	+0.0014	+ 4.027	+0.333	29°3368
85.	9. 9	5	18 46 19.909	29 5 13.22		
85.	9.11	5	19.912	12.81		
90.	8.29	5	20.163	11.90		

9297	9.4	2.3723	+0.0014	+ 4.033	+0.337	— —
88.	8.22	5	18 46 24.067	28 7 26.80		†

9298	9.0	2.3146	+0.0014	+ 4.033	+0.329	30°3324
78.	9.11	3	18 46 24.476	30 3 4.61		
80.	8.23	2	24.549	4.62		
82.	9. 8	3	24.558	3.93		

9299	9.2	2.3122	+0.0014	+ 4.037	+0.328	30°3325
85.	9.17	5	18 46 27.393	30 7 47.49		−10′
85.	9.18	5	27.320	48.98		

9300	9.1	2.4566	+0.0013	+ 4.049	+0.349	25°3646
73.	8. 5	3	18 46 35.565	25 10 46.23		
74.	8.20	3	35.604	48.22		
76.	8. 9	3	35.337	46.91		

9301	6.6	2.3574	+0.0014	+ 4.057	+0.335	28°3104
72.	7.15	3	18 46 41.108	28 38 6.29		
74.	8.11	3	40.909	6.75		
75.	8. 2	1	41.061	6.64		
75.	9.15	3	41.086	6.53		
76.	8.16	3	41.023	6.32		
78.	8.28	3	41.174	6.52		

9302	9.5	2.3317	+0.0014	+ 4.067	+0.331	29°3370
73.	8.22	2	18 46 47.994	29 29 48.92		† clds.

9303	8.8	2.3181	+0.0014	+ 4.067	+0.329	29°3371
74.	8. 6	3	18 46 48.177	29 56 39.68		
74.	8.19	3	48.103	40.32		
75.	8.30	3	48.387	40.35		

9304	9.5	2.3296	+0.0014	+ 4.076	+0.331	— —
74.	9.12	3	18 46 54.732	29 34 1.05		†

9305	9.0	2.4267	+0.0013	+ 4.082	+0.345	26°3373
73.	8.14	3	18 46 58.464	26 15 6.61		
74.	8.28	3	58.460	7.25		
75.	8.25	3	58.422	6.59		
90.	9. 8	7	58.475	6.64		

9306	8.8	2.3440	+0.0014	+ 4.086	+0.333	29°3372
95.	7. 1	7	18 47 1.245	29 5 20.05		
95.	7.19	7	1.300	20.58		
95.	7.20	7	1.312	20.43		

9307	8.4	2.3581	+0.0014	+ 4.093	+0.335	28°3106
73.	8.15	3	18 47 6.443	28 37 11.68		
73.	8.15	2	6.433	12.26		
73.	9. 1	3	6.440	12.65		
74.	8.11	3	6.319	11.78		
76.	8.16	3	6.272	12.06		

9308	$7^{m}6$	$2^{s}4022$	$+0^{s}0013$	+ 4″093	+0″341	27°3142
72.	7.20	3	$18^{h}47^{m}\ 6^{s}473$	27° 6′ 31″28		
72.	7.22	3	6.441	34.56		
72.	8.19	2	6.605	32.66		
75.	9.20	2	6.528	32.99		$-1^{m}-1'$
76.	8.14	3	6.605	31.63		

9309	9.2	2.4026	+0.0013	+ 4.098	+0.341	27°3144
76.	8.14	1	18 47 10.084	27 5 51.06		
79.	8. 7	3	9.997	52.38		
85.	9. 3	5	9.961	51.93		
85.	9. 4	4	9.992	52.66		
86.	8.31	7	9.936	52.02		
86.	9. 6	7	9.932	52.25		
87.	8.24	5	10.020	52.12		

9310	7.8	2.4374	+0.0013	+ 4.098	+0.346	25°3650
73.	8. 9	3	18 47 10.156	25 52 35.99		§
73.	8.21	3	10.133	36.56		Z.C. α $10^{s}12$
74.	7.24	3	10.059	35.45		Z.C. Ep. 77.6
84.	9.22	5	10.159	36.22		

9311	9.0	2.4316	+0.0013	+ 4.103	+0.346	26°3375
73.	8. 6	3	18 47 13.485	26 5 1.48		
75.	8.25	3	13.530	0.84		
92.	8.15	7	13.646	2.25		

9312	9.4	2.3303	+0.0014	+ 4.104	+0.331	29°3373
73.	8.30	3	18 47 14.152	29 33 5.15		
74.	8. 3	3	14.245	7.86		
76.	8.17	3	14.294	7.10		
80.	9.16	3	14.360	6.54		

9313	9.0	2.4199	+0.0013	+ 4.104	+0.344	26°3376
77.	8.17	3	18 47 14.442	26 29 41.16		Z.C. δ 41″2
77.	8.30	3	14.406	41.22		

9314	9.1	2.3739	+0.0014	+ 4.105	+0.337	28°3107
84.	8.22	7	18 47 15.021	28 5 10.90		
84.	8.29	7	14.923	10.06		
84.	9. 2	7	14.866	10.10		

9315	9.2	2.3995	+0.0013	+ 4.112	+0.341	27°3145
74.	8. 8	3	18 47 19.892	27 12 24.10		†
74.	8.25	3	20.025	25.25		
74.	9. 2	2	20.047	23.25		
79.	8.11	3	20.053	23.75		$+1^{m}$
88.	8.29	5	20.031	24.57		
92.	8.12	7	20.029	25.24		

9316	8.4	2.4641	+0.0013	+ 4.113	+0.350	24°3558
73.	8.21	2	18 47 20.622	24 55 32.97		
74.	7.29	3	20.626	32.35		
76.	8. 9	2	20.677	31.82		−1′
92.	8. 3	6	20.640	32.36		

9317 Not found on revision; not found on Oxford photograph: the catalogue place is 1 int. wrong; see appendix 9308^{a}

9318	8.2	2.4172	+0.0013	+ 4.116	+0.343	26°3378
74.	7.30	3	18 47 22.515	26 35 42.77		
78.	8.29	3	22.533	41.98		
79.	8. 4	3	22.607	42.63		
79.	8.25	2	22.546	42.23		

9319 $8^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4233$ $+0^{\mathrm{s}}.0013$ + $4''.117$ $+0''.344$ 26°3379

73.	8.25	3	$18^{\mathrm{h}}47^{\mathrm{m}}23^{\mathrm{s}}.708$	26° 22′ 44″.28	
75.	8. 4	3	23.439	45.21	
76.	8.22	2	23.503	44.68	
79.	8. 6	3	23.471	45.17	
80.	9. 4	1	23.509	45.69	
88.	9. 6	7	23.581	47.10	

9320 9.2 2.4380 +0.0013 + 4.124 +0.346 25°3651

74.	9.14	3	18 47 27.714	25 51 49.27	
92.	8. 8	7	28.028	48.51	

9321 9.2 2.4376 +0.0013 + 4.124 +0.346 25°3652

73.	8. 9	2	18 47 28.017	25 52 39.00	Z.C. Ep. 78.8
74.	7.24	3	28.129	37.37	
75.	8.31	3	28.031	39.20	
75.	9. 9	1	27.833	38.05	
84.	9.20	5	28.026	36.85	
88.	9.17	7	27.928	38.04	

9322 9.2 2.3863 +0.0014 + 4.132 +0.339 — —

86.	9.10	7	18 47 33.424	27 40 5.06	v. ft.
87.	9. 8	5	33.446	5.06	

9323 8.0 2.4189 +0.0013 + 4.133 +0.343 26°3380

73.	8.14	3	18 47 34.227	26 32 16.79	
78.	8.29	2	34.245	17.05	
79.	8.25	2	34.246	17.22	

9324 8.0 2.3360 +0.0014 + 4.135 +0.331 29°3375

73.	8. 7	3	18 47 35.520	29 22 16.72	
73.	9.20	3	35.510	15.87	
74.	8. 3	3	35.280	17.17	

9325 9.3 2.4191 +0.0013 + 4.145 +0.343 — —

84.	8.23	5	18 47 43.077	26 32 3.07	
92.	8. 6	7	42.957	2.91	

9326 9.1 2.4199 +0.0013 + 4.154 +0 343 26°3381

74.	8.28	3	18 47 48.692	26 30 31.76	
84.	9. 5	7	48.823	31.71	
84.	9.11	7	48.759	31.72	

9327 9.1 2.4194 +0.0013 + 4.165 +0.343 26°3382

84.	8.21	5	18 47 56.594	26 31 37.57	
84.	9.10	7	56.658	36.95	
84.	9.12	7	56.629	37.52	

9328 9.3 2.3837 +0.0014 + 4.177 +0.338 27°3147

72.	7.20	2	18 48 5.344	27 46 9.77	
74.	8. 8	3	5.176	10.38	
75.	8.27	3	5.424	10.27	
75.	9.20	2	5.445	10.97	
79.	8.30	3	5.309	10.10	

9329 9.4 2.3243 +0.0014 + 4.180 +0.330 29°3377

72.	8 28	3	18 48 7.129	29 46 8.08	
74.	8. 3	2	7.028	11.00	
74.	9. 4	3	6.950	8.64	
75.	7.24	2	6.992	9.79	-1^{m}
80.	8.28	3	6.868	10.11	

9330 $7^{\mathrm{m}}.5$ $2^{\mathrm{s}}.4564$ $+0^{\mathrm{s}}.0013$ + $4''.188$ $+0''.348$ 25°3654

73.	8. 5	3	$18^{\mathrm{h}}48^{\mathrm{m}}13^{\mathrm{s}}.121$	25° 13′ 24″.98	
74.	8.20	3	13.008	24.36	
79.	8. 6	3	13.168	25.29	

9331 9.3 2.3570 +0.0014 + 4.190 +0.334 28°3111

85.	9. 9	5	18 48 14.101	28 40 51.85	
85.	9.11	5	14.263	51.74	$+10^{\mathrm{s}}$
87.	9. 2	5	14.509	52.58	

9332 8.4 2.4421 +0.0013 + 4.198 +0.346 25°3655

75.	9. 6	3	18 48 19.747	25 43 55.10	
75.	9.16	3	19.718	56.16	
76.	8. 9	2	19.606	55.47	
79.	8.29	3	19.673	55.16	
82.	9. 7	3	19.518	54.71	

9333 9.5 2.3337 +0.0014 + 4.208 +0.331 29°3379

73.	8.22	2	18 48 26.621	29 27 59.94	
74.	8.19	3	26.668	60.83	

9334 9.5 2.3328 +0.0014 + 4.212 +0.331 29°3380

73.	8.22	2	18 48 29.880	29 29 49.77	
76.	8.17	3	29.883	49.55	

9335 9.0 2.4330 +0.0013 + 4.214 +0.345 26°3385

73.	8. 6	3	18 48 31.025	26 3 40.51	
73.	8.25	3	31.101	40.76	
74.	8.18	3	31.034	40.63	−1′
75.	8.25	3	30.933	40.87	

9336 9.0 2.4468 +0.0013 + 4.218 +0.347 25°3656

73.	8. 5	2	18 48 33.731	25 34 17.24	Z.C. α $33^{\mathrm{s}}.64$
73.	8. 9	2	33.571	18.53	Z.C. Ep. 75.5
74.	7.29	3	33.559	17.08	
75.	8.31	3	33.573	17.02	
75.	9.16	1	33.752	17.42	
79.	8.29	2	33.657	16.74	

9337 9.2 2.4229 +0.0013 + 4.225 +0.343 26°3386

80.	8.31	3	18 48 39.284	26 25 8.56	
80.	8.31	2	39.214	9.47	
80.	9. 4	1	39.387	10.19	
85.	9.17	5	39.155	7.72	
85.	9.18	5	39.222	7.97	
86.	9.13	5	39.182	8.87	

9338 9.0 2.3558 +0.0014 + 4.226 +0.334 28°3112

72.	8.15	3	18 48 39.828	28 43 44.04	
73.	8.15	3	39.943	43.88	
73.	9. 1	3	39.898	44.56	
75.	8. 2	3	39.717	44.52	
75.	9.15	3	39.837	45.14	
76.	8.16	3	40.058	45.29	
77.	9. 8	3	39.902	45.83	
78.	8.28	3	39.832	44.42	
92.	8.15	4	40.071	44.67	

9339 9.3 2.3409 +0.0014 + 4.236 +0.332 29°3381

74.	9. 4	3	18 48 46.908	29 14 3.02	†

9340 9.0 2.3403 +0.0014 + 4.243 +0.332 29°3382

73.	8.30	2	18 48 51.604	29 15 23.73	
92.	8. 5	3	51.677	23.77	

9341 $8^{\mathrm{m}}.6$ $2^{\mathrm{s}}.3334$ $+0^{\mathrm{s}}.0014$ $+\ 4''.245$ $+0''.331$ 29°3384

73. 8. 7	3	$18^{\mathrm{h}}48^{\mathrm{m}}52^{\mathrm{s}}.781$	$29^{\circ}29'\,13''.07$	
73. 9.20	2	52.909	12.61	
74. 8.19	2	52.739	12.82	
74. 9.12	2	52.855	13.71	
77. 9. 5	3	52.974	13.63	
80. 9.16	3	53.002	12.56	
80. 9.16	2	52.812	13.13	
90. 8.30	7	53.046	12.59	

9342 9.3 2.3148 +0.0014 + 4.245 +0.328 30°3336

85. 9. 3	5	18 48 52.772	30 6 5.42	
85. 9. 4	4	52.920	6.18	
87. 8.24	5	53.042	6.00	

9343 8.9 2.3396 +0.0014 + 4.260 +0.332 29°3385

73. 8.30	2	18 49 3.371	29 16 59.95	
75. 7.24	3	3.259	61.09	
75. 8.30	3	3.411	60.53	ft.

9344 9.1 2.4335 +0.0013 + 4.269 +0.345 26°3387

73. 8. 6	2	18 49 9.534	26 3 20.73	
74. 8.18	3	9.504	21.54	
76. 8.11	3	9.607	21.32	
77. 8.30	3	9.601	21.52	

9345 6.2 2.3848 +0.0013 + 4.277 +0.338 27°3150

72. 7.20	3	18 49 15.206	27 45 21.01	Z.C. $\delta\,21''.5$
72. 7.22	3	15.124	22.50	
74. 8.25	3	15.148	21.79	
75. 8.27	3	15.170	20.99	
75. 9.20	3	15.330	21.85	
76. 8.14	3	15.124	20.83	
79. 8.30	3	15.188	21.21	-10^{s}

9346 9.5 2.4257 +0.0013 + 4.280 +0.344 — —

73. 8.14	3	18 49 17.655	26 20 7.28	†

9347 9.1 2.3550 +0.0014 + 4.281 +0.334 28°3116

72. 7.15	3	18 49 18.139	28 46 16.34	
72. 8.15	2	18.225	16.72	
73. 8.15	2	18.310	17.03	
73. 9. 1	3	18.224	17.78	
74. 8.11	3	18.280	16.79	
75. 9.15	2	18.428	16.97	
76. 8.16	3	18.170	17.33	
79. 8.28	2	18.235	16.41	

9348 8.6 2.3299 +0.0014 + 4.287 +0.330 29°3386

78. 8.19	3	18 49 22.236	29 36 46.70	
78. 8.28	3	22.434	46.41	
80. 8.23	3	22.182	46.42	
80. 8.24	3	22.322	45.50	
80. 8.24	2	22.332	46.79	
88. 8.29	5	22.275	47.15	

9349 9.3 2.4299 +0.0013 + 4.292 +0.344 — —

81. 8.10	1	18 49 25.874	26 11 24.52	† Z.C. $\delta\,24''.5$

9349ª 9.2 2.3138 +0.0014 + 4.299 +0.327 30°3341

96. 6.26	7	18 49 31.035	30 9 18.11	
96. 7.10	7	30.927	16.31	

9350 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.3404$ $+0^{\mathrm{s}}.0014$ $+\ 4''.307$ $+0''.331$ 29°3388

74. 8. 6	3	$18^{\mathrm{h}}49^{\mathrm{m}}36^{\mathrm{s}}.441$	$29^{\circ}16'\,12''.78$	†

9351 9.0 2.3217 +0.0014 + 4.312 +0.328 29°3389

73. 8. 7	2	18 49 39.645	29 53 27.89	
78. 8.19	3	39.504	28.56	
78. 9. 2	3	39.516	27.43	
78. 9.11	3	39.565	28.51	
88. 9. 6	5	39.553	28.35	

9352 8.7 2.3135 +0.0014 + 4.325 +0.327 30°3342

84. 8.21	5	18 49 48.943	30 10 18.77	
84. 8.22	5	48.939	20.26	
87. 8.22	5	48.878	18.97	
92. 8.12	5	49.000	19.58	

9353 9.5 2.3412 +0.0014 + 4.327 +0.331 29°3390

74. 8. 6	3	18 49 50.700	29 14 57.95	†

9354 9.2 2.4275 +0.0013 + 4.330 +0.344 26°3390

73. 8.14	3	18 49 52.236	26 16 58.31	
74. 8.28	3	52.190	57.86	
75. 8. 4	3	52.302	59.55	
75. 8.25	3	52.231	57.66	
87. 9. 5	7	52.463	58.16	

9355 9.2 2.4301 +0.0013 + 4.331 +0.344 26°3391

74. 7.28	3	18 49 53.453	26 11 38.08	
74. 7.30	3	53.352	39.00	
76. 8.11	3	53.369	37.21	
86. 9. 9	6	53.491	37.89	
87. 8.31	7	53.446	38.22	

9356 9.1 2.4093 +0.0013 + 4.333 +0.341 26°3392

84. 9.20	5	18 49 54.612	26 55 26.61	
84. 9.22	4	54.541	29.14	
84. 9.25	5	54.850	26.03	ft. – 1′
87. 9. 8	5	54.679	29.09	

9357 9.1 2.3859 +0.0013 + 4.337 +0.338 27°3155

72. 7.22	3	18 49 57.516	27 44 10.92	Z.C. $\delta\,10''.1$
72. 8.19	3	57.367	9.63	
74. 8. 8	3	57.103	10.07	
74. 8.25	3	57.176	10.96	
76. 8.14	2	57.400	9.89	
79. 8.11	3	57.377	9.69	
79. 8.30	2	57.468	9.30	– 1 int.

9358 7.4 2.3225 +0.0014 + 4.341 +0.329 29°3391

73. 8.30	1	18 50 0.506	29 52 25.27	
73. 9.20	2	0.386	25.79	
74. 8.22	3	0.252	26.93	
75. 7.24	1	0.211	27.34	
76. 8.17	3	0.335	26.84	

9359 9.5 2.3131 +0.0014 + 4.347 +0.327 30°3343

92. 8.12	1	18 50 4.405	30 11 21.89	†

9360 9.1 2.3297 +0.0014 + 4.351 +0.330 29°3392

74. 8. 3	3	18 50 7.189	29 38 14.96	
85. 9. 1	5	7.412	12.98	
86. 8.31	5	7.301	13.88	
86. 9. 6	2	7.458	13.11	
86. 9. 8	5	7.324	13.56	

9361	$9^{m}.2$	$2^{s}.3396$	$+0^{s}.0014$	+ 4″.358	+0″.331	29°3394
85. 9. 9	7	$18^{h}50^{m}12^{s}.040$	29° 18′ 38″.44			
85. 9.11	5	12.121	38.98			
87. 9. 3	5	12.184	38.92			
9362	9.0	2.3905	+0.0013	+ 4.362	+0.339	27°3157
74. 9. 2	3	18 50 14.627	27 35 1.12			Z.C. δ 2″.1
75. 8.27	3	14.824	2.28			
78. 8.26	3	14.761	3.34			
78. 8.29	3	14.814	1.71			
9363	9.1	2.3892	+0.0013	+ 4.362	+0.339	27°3158
74. 9. 2	2	18 50 15.335	27 37 49.81			
78. 8.26	2	15.287	51.80			
9364	8.3	2.4119	+0.0013	+ 4.367	+0.342	26°3394
74. 7.30	2	18 50 18.825	26 50 38.94			Z.C. δ 38″.1
74. 8.28	3	18.687	37.63.			− 1′
77. 8.17	3	18.845	38.38			s.p. of 2
84. 8.23	5	18.802	37.87			
84. 8.29	7	18.685	37.83			
84. 9. 5	5	18.769	38.21			
9365	9.3	2.3454	+0.0014	+ 4.371	+0.331	29°3397
85. 9.21	5	18 50 21.491	29 7 22.33			
86. 9.10	7	21.717	22.36			ex. ft.
88. 8.25	7	21.559	21.80			
9366	9.1	2.4292	+0.0013	+ 4.373	+0.344	26°3395
73. 8.25	3	18 50 22.967	26 14 20.55			
74. 7.28	3	23.071	19.54			
75. 8. 4	3	22.891	20.60			
85. 9.17	5	22.858	18.81			
85. 9.18	5	22.805	20.16			
88. 8.22	7	23.172	20.21			
9367	8.6	2.3471	+0.0014	+ 4.390	+0.332	29°3399
74. 8. 3	2	18 50 34.844	29 3 61.52			§ c. d. n.
75. 8.30	3	34.872	58.93			c. d. m.
78. 9. 2	3	35.017	59.59			c. d. m.
90. 9. 8	5	35.053	58.72			c. d. m.
9368	7.7	2.4491	+0.0013	+ 4.391	+0.347	25°3663
73. 8. 5	3	18 50 35.230	25 32 6.75			
73. 8. 9	3	35.200	8.37			
73. 8.21	3	35.123	8.32			
74. 7.29	3	35.387	5.46			
75. 8.31	3	35.145	6.48			
75. 9. 6	3	35.302	7.26			
75. 9. 9	3	35.241	6.81			
75. 9.16	3	35.170	6.31			
76. 8. 9	2	35.148	6.67			
9369	9.5	2.4662	+0.0012	+ 4.411	+0.349	24°3583
81. 8.10	1	18 50 49.269	24 55 24.44			Z.C. δ 24″.6
88. 9.17	7	49,101	24.82			v. ft.
9370	8.8	2.3363	+0.0014	+ 4.419	+0.330	29°3402
73. 8.22	3	18 50 54.638	29 26 16.97			
74. 8.19	3	54.714	17.38			
78. 9.11	3	54.905	16.74			
84. 9. 2	7	54.810	16.74			
86. 9.13	5	54.853	16.15			
90. 9.11	7	54.741	15.97			

9371	$9^{m}.1$	$2^{s}.4069$	$+0^{s}.0013$	+ 4″.422	+0″.341	27°3161
72. 8.19	3	$18^{h}50^{m}57^{s}.445$	27° 1′ 45″.97			
79. 8.11	3	57.377	46.32			
9372	8.1	2.3147	+0.0014	+ 4.426	+0.327	30°3351
75. 8.30	3	18 50 60.014	30 9 5.08			
78. 8.28	2	59.836	5.15			
78. 9. 2	3	59.809	5.20			
84. 9.10	5	59.855	5.16			
84. 9.11	5	59.755	4.81			
90. 9.12	7	59.821	4.98			
9373	9.5	2.3370	+0.0014	+ 4.430	+0.330	— —
73. 8.22	3	18 51 2.928	29 24 56.95			†
9374	9.4	2.4448	+0.0013	+ 4.440	+0.346	25°3664
82. 9. 7	3	18 51 9.670	25 42 2.01			†
9375	9.3	2.4255	+0.0013	+ 4.441	+0.343	— —
80. 9. 3	3	18 51 10.472	26 23 4.73			†
9376	9.3	2.4084	+0.0013	+ 4.450	+0.341	26°3396
88. 8.29	5	18 51 16.799	26 59 12.80			
92. 9. 5	7	16.521	14.54			
9377	9.1	2.4067	+0.0013	+ 4.451	+0.341	27°3166
74. 8. 8	3	18 51 17.609	27 2 40.61			
75. 9.20	3	17.566	40.75			
86. 9.11	7	17.639	41.08			
87. 8.25	7	17.790	42.09			
87. 8.27	5	18.073	42.02			
9378	9.3	2.3376	+0.0014	+ 4.455	+0.330	29°3404
74. 9.12	3	18 51 20.217	29 24 10.29			
76. 8.17	3	20.381	10.81			
9379	8.9	2.4248	+0.0013	+ 4.462	+0.343	26°3398
73. 8. 6	3	18 51 25.442	26 24 54.44			
73. 8.25	3	25.596	55.30			
74. 8.18	3	25.418	55.09			
75. 8. 4	3	25.611	56.15			
75. 8.25	3	25.489	54.84			
80. 8.31	2	25.550	55.23			
9380	9.1	2.4350	+0.0013	+ 4.469	+0.344	26°3400
73. 8.14	3	18 51 30.086	26 3 25.28			
74. 8.28	3	30.188	24.01			
76. 8.11	3	30.008	24.06			
9381	9.1	2.3325	+0.0014	+ 4.469	+0.330	29°3407
84. 9.22	2	18 51 30.082	29 34 41.53			clds.
84. 9.25	3	30.308	39.83			
88. 9. 6	4	30.205	42.80			w. 2 + 1^{s}
9382	9.0	2.4244	+0.0013	+ 4.480	+0.342	26°3401
73. 8. 6	3	18 51 37.921	26 26 5.97			
74. 8.18	3	38.007	6.42			
79. 9. 8	1	38.094	4.96			
80. 8.31	2	38.123	5.64			
82. 9.23	3	38.060	4.59			

9383 $7\overset{m}{.}0$ $2\overset{s}{.}3784$ $+0\overset{s}{.}0013$ $+ 4\overset{''}{.}483$ $+0\overset{''}{.}336$ 28°3125

72. 7.15	3	$18^{h}51^{m}40\overset{s}{.}671$	28° 1′ $59\overset{''}{.}87$	
72. 8.15	3	40.415	60.18	
73. 8.15	3	40.448	61.98	
74. 8.21	3	40.572	61.27	
75. 8. 2	3	40.438	61.25	
76. 8.16	3	40.418	62.13	

9384 9.4 2.4444 +0.0013 + 4.484 +0.345 25°3666

73. 8. 9	3	18 51 40.917	25 43 30.99	
74. 7.24	3	40.681	29.48	
74. 8.20	3	40.967	31.00	

9385 8.8 2.4379 +0.0013 + 4.489 +0.344 25°3667

73. 8.21	2	18 51 44.658	25 57 30 83	
74. 9.14	3	44.676	30.57	
83. 8.28	7	44.639	30.54	

9386 8.6 2.3302 +0.0014 + 4.490 +0.329 29°3409

73. 9.20	3	18 51 45.079	29 39 39.83	
78. 9. 2	1	45.168	40.43	
79. 9. 3	3	45.154	39.67	
79. 9. 8	3	45.118	39.97	
80. 8.23	3	45.083	39.63	
80. 8.24	3	45.103	40.05	
80. 9.16	3	45.085	40.26	

9387 9.0 2.3941 +0.0013 + 4.492 +0.338 27°3168

72. 7.20	3	18 51 46.931	27 29 47.67	
72. 7.22	3	46.649	49.12	
74. 8.25	3	46.875	48.73	−5′
74. 9. 2	3	46.831	48.13	+5′
75. 8.27	2	46.836	49.75	
78. 8.29	3	46.793	48.29	

9388 9.0 2.3757 +0.0013 + 4.497 +0.335 28°3126

74. 8.11	3	18 51 49.612	28 7 49.22	
79. 8.28	3	49.718	50.32	
79. 8.30	3	49.730	48.74	
79. 9. 1	3	49.833	49.32	
79. 9. 2	3	49.699	49.42	

9389 Not found on revision; not found on Oxford photograph 97.8.3. The catalogue place is 1 int. wrong: see 9400 and appendix 9390^{a}

9390 8.6 2.3180 +0.0014 + 4.498 +0.328 30°3358

73. 8. 7	3	18 51 50.703	30 3 54.97	
78 8.28	3	50.729	54.67	
78. 9.11	3	50.679	56.18	
84. 8.21	5	50.734	55.14	
84. 9.17	3	50.760	54.80	
84 9.18	7	50.783	55.45	
84. 9 20	5	50.600	54.27	

9391 9 3 2.4248 +0.0013 + 4.502 +0.342 26°3403

80. 9. 4	3	18 51 53.363	26 25 34.79	†

9392 8.5 2.3282 +0.0014 + 4.503 +0.329 29°3410

78. 9.11	1	18 51 54.221	29 43 45.67	
80. 8.28	3	54.070	45.68	
81. 9.14	3	54.085	45.30	

9393 $9\overset{m}{.}2$ $2\overset{s}{.}4261$ $+0\overset{s}{.}0013$ $+ 4\overset{''}{.}504$ $+0\overset{''}{.}342$ 26°3404

75. 8 25	3	$18^{h}51^{m}55\overset{s}{.}146$	26° 22′ $48\overset{''}{.}14$	
82. 9.25	3	55.199	49.02	

9394 8.9 2.4047 +0.0013 + 4.506 +0.340 27°3170

76. 8.14	3	18 51 56.127	27 7 47.77	
79. 8. 4	3	56.112	47.43	
79. 8. 7	3	56.183	48.24	

9395 9.3 2.4256 +0.0013 + 4.507 +0.342 — —

77. 8.17	3	18 51 56.743	26 24 3.49	† Z.C. δ $3\overset{''}{.}5$

9396 8.7 2.4374 +0.0013 + 4.507 +0.344 25°3670

73. 8. 5	3	18 51 57.365	25 58 50.65	
73. 8.21	3	57.247	51.25	
92. 8. 3	6	57.256	50.94	

9397 8.3 2.4415 +0.0013 + 4.508 +0.345 25°3671

75. 8 31	3	18 51 57.715	25 50 8.03	
75. 9 9	3	57.710	7.80	
76. 8. 9	3	57.737	6.97	
79. 8. 6	3	57.827	6.26	

9398 9.1 2.3906 +0.0013 + 4.509 +0.338 27°3172

85. 9. 1	5	18 51 58.392	27 37 14.44	
85 9. 3	7	58.402	15.48	
85. 9. 4	7	58.453	15.14	

9399 7.5 2.4388 +0.0013 + 4.515 +0.344 25°3672

74. 8.20	3	18 52 3.022	25 55 53.01	
75. 8.31	3	2.948	52.94	
79. 8.29	3	2.913	52.31	
80. 9.16	3	2.969	53.90	
81. 9. 9	3	2.985	53.27	
83. 9. 3	7	2.902	53.42	
83 9. 5	7	2.972	53.51	

9400 9.0 2.4151 +0.0013 + 4.517 +0.341 26°3405

72. 8.23	2	18 52 4.411	26 46 13.80	Z.C. δ $15\overset{''}{.}2$
75. 9. 6	3	4.265	15.53	
77. 8.17	1	4.259	16.14	
80. 9 4	1	4.517	15.19	§ + 1 int.

9401 9.1 2.4596 +0.0012 + 4.522 +0.347 25°3674

74. 7.29	3	18 52 7.705	25 11 22.25	
92. 8. 6	7	7.763	23.55	

9402 9.0 2.4181 +0.0013 + 4.524 +0.341 26°3406

84. 8.22	5	18 52 8.940	26 40 4.88	
84. 8.23	7	8.905	3.37	
84. 9. 5	5	8.836	3.08	

9403 9.0 2.4592 +0.0012 + 4.526 +0.347 25°3675

74. 7.29	2	18 52 10.144	25 12 17.38	
79. 8.25	2	10.409	16.32	

9404 9.3 2.4383 +0.0013 + 4.538 +0.344 25°3676

74. 7.24	3	18 52 18.596	25 57 21.32	†

9405 9.5 2.3184 +0.0014 + 4.545 +0.328 30°3361

86. 8.31	5	18 52 24.027	30 3 58.61	
86. 9. 8	5	24.109	58.81	
87. 8.22	7	24.127	59.41	

9406 9$^{\rm m}$.3 2$^{\rm s}$.3312 +0$^{\rm s}$.0014 + 4$''$.549 +0$''$.330 29°3413

74	8. 3	3	18$^{\rm h}$52$^{\rm m}$26$^{\rm s}$.415	29° 38′ 39″.79	
74.	8. 6	3	26.476	37.97	
74.	9.12	3	26.458	37.62	
75.	7.24	3	26.378	40.22	− 1′

9407 9.0 2.3911 +0.0013 + 4.556 +0.338 27°3176

72.	8.19	3	18 52 31.231	27 37 0.29	
74.	8.25	3	31.161	0.12	
78.	8.29	3	31.299	0.04	
79.	8. 4	3	31.352	1.08	

9408 9.0 2.3940 +0.0013 + 4.556 +0.338 27°3177

74.	8. 8	3	18 52 31.573	27 30 57.12	
74.	9. 2	3	31.889	56.09	c. d.?

9409 9.0 2.3744 +0.0013 + 4.568 +0.335 28°3131

72.	7.15	1	18 52 39 967	28 11 29 17	Z.C. Ep. 74.9
73.	8.15	3	39.647	29.08	
74.	8.21	3	39.627	29.61	
78.	9. 6	3	39.525	29.39	

9410 Not found on revision: not found on Oxford photograph 04.8.29. The catalogue place is 1′ wrong: see appendix 9410$^{\rm a}$

9411 9.2 2.4448 +0.0012 + 4.590 +0.345 25°3679

75.	8.31	2	18 52 55.669	25 44 18.10	†

9412 A mistake of 5$^{\rm m}$ in transit record: see 9520$^{\rm a}$

9413 8.7 2.3231 +0.0014 + 4.595 +0.328 29°3416

73.	8. 7	3	18 52 59.220	29 55 30.01	
73.	8.22	3	59.046	29.56	
76.	8.17	3	59.166	30.67	

9414 9.4 2.3803 +0.0013 + 4.600 +0.336 27°3180

76.	8.14	3	18 53 2.350	28 0 3.01	
92.	9. 8	2	2.486	2.14	v. ft.
92.	9.14	5	2.281	3.77	§
93.	7. 5	7	2.099	5.76	

9415 9.0 2.4613 +0.0012 + 4.606 +0.347 25°3681

76.	8. 9	1	18 53 6.567	25 8 57.00	†

9416 9.0 2.4604 +0.0012 + 4.606 +0.347 25°3682

76.	8. 9	2	18 53 6.508	25 11 7.23	
79.	8.25	2	6.760	6.74	

9417 7.7 2.3806 +0.0013 + 4.606 +0.336 27°3183

72.	7.20	3	18 53 7.096	27 59 38.90	
72.	7.22	3	7.114	40.64	+ 1$^{\rm m}$
74.	8. 8	3	7.091	39 81	
75.	8.27	3	6.968	39.98	
76.	8.16	3	6.973	39.24	
79.	8. 7	3	7.311	39.64	

9418 9.3 2.3698 +0.0013 + 4.613 +0.335 28°3134

72.	8.15	3	18 53 11.614	28 21 55.95	
73.	8.15	3	11.495	56.11	
78	9. 6	3	11.794	55.65	
79.	8.30	3	11.813	54.99	
88.	8.25	5	11.777	56.35	

9419 9$^{\rm m}$.1 2$^{\rm s}$.3669 +0$^{\rm s}$.0013 + 4$''$.614 +0$''$.334 28°3135

81.	8.10	3	18$^{\rm h}$53$^{\rm m}$12$^{\rm s}$.507	28° 27′ 50″.73	
84.	9.11	5	12.381	52.32	
88.	8.29	5	12.410	51.89	

9420 9.0 2.3923 +0.0013 + 4.619 +0.338 27°3184

74.	8.25	2	18 53 15.639	27 35 35.84	
79.	8.11	3	15.997	35.59	
79.	9. 1	2	15.959	34.45	
80.	8.24	2	15.789	34.50	

9421 9.1 2.3567 +0.0013 + 4.619 +0.333 28°3136

84.	9.12	7	18 53 15.906	28 48 34.64	Z.C. α 15$^{\rm s}$.91
85.	9. 9	7	15.984	35.85	
85.	9.11	7	15.845	35.15	

9422 8.5 2.3914 +0.0013 + 4.620 +0.338 27°3185

79	8.11	2	18 53 16.790	27 37 26.18	− 10$^{\rm s}$
80.	8.24	1	16.813	26.09	

9423 9.1 2 3165 +0.0013 + 4 623 +0.327 30°3368

84.	9 20	3	18 53 18.558	30 9 18.76	
84.	9.25	2	18.716	17.85	

9424 9.2 2.3440 +0.0013 + 4.624 +0.331 29°3419

74.	8. 3	3	18 53 18.897	29 14 26.60	
74.	8. 6	3	19.136	25.99	
74.	8.19	3	19.042	23.98	d. l.
75.	7.24	3	19.325	24.66	c. d. s. f.

9425 8.4 2.3936 +0.0013 + 4.624 +0.338 27°3186

78.	8.29	3	18 53 19.700	27 33 3.72	
79	8. 4	2	19.618	3.79	
79.	9. 1	1	19.539	2.67	
80.	8.31	3	19.589	4.16	

9426 9.3 2.3490 +0.0013 + 4.626 +0.332 — —

90.	9 8	7	18 53 20.865	29 4 10.60	†

9427 9.2 2.3523 +0.0013 + 4.627 +0.332 28°3137

85.	9.17	4	18 53 21.790	28 57 42.88	
85.	9.18	7	21.717	43.97	

9428 7.8 2.4634 +0.0012 + 4.630 +0.348 25°3683

73.	8. 9	3	18 53 23.530	25 4 50.37	
79.	8.29	3	23.637	48.13	
80.	8.23	3	23.456	49.23	

9429 9.1 2.3208 +0.0013 + 4.630 +0.328 29°3420

84.	9.10	5	18 53 23.742	30 0 48.30	†

9430 9.0 2.4455 +0.0012 + 4.632 +0.345 25°3684

75.	8.31	1	18 53 24.717	25 43 30.22	− 1$^{\rm m}$
82.	9. 7	3	24.825	29.71	
82.	9. 8	2	24.812	28.61	

9431 8.1 2.4408 +0.0012 + 4.636 +0.344 25°3685

74.	8.20	3	18 53 27.830	25 53 35.86	Z.C. δ 35″.8
81.	9. 9	3	27.932	35.80	
82.	9. 8	2	27.827	35.72	

9432 9.0 2 4369 +0.0012 + 4.639 +0.344 — —

73.	8.14	3	18 53 29.643	26 1 57.78	†

9433	$9^{m}.2$	$2^{s}.4317$ +$0^{s}.0012$	+ 4″.649 +0″.343		— —
75. 8. 4	3	$18^{h}53^{m}36^{s}.673$	26° 13′ 14″.01		†
9434	8.5	2.4575 +0.0012	+ 4.649 +0.347		25°3687
74. 7.24	3	18 53 37.081	25 17 56.24		
82. 9. 7	3	36.985	57.96		
83. 8. 9	3	36.921	58.21		
84. 8.29	7	36.978	57.92		
9435	8.9	2.3919 +0.0013	+ 4.653 +0.338		27°3188
79. 8. 7	3	18 53 39.815	27 36 60.84		
82. 8.21	3	39.932	59.57		
92. 8.12	7	39.963	60.29		
92. 8.15	7	40.083	60.97		
92. 8.17	7	40.032	59.71		
9436	9.2	2.3727 +0.0013	+ 4.653 +0.335		28°3138
74. 8.21	3	18 53 40.053	28 16 47.70		
90. 8.29	4	40.510	47.62		−1°
92. 9. 5	7	40.121	47.92		
9437	9.4	2.3822 +0.0013	+ 4.656 +0.336		— —
88. 9. 6	5	18 53 42.205	27 57 13.58		†
9438	9.2	2.4332 +0.0012	+ 4.659 +0.343		26°3411
75. 8.25	2	18 53 44.386	26 10 14.83		†
9439	9.5	2.3820 +0.0013	+ 4.676 +0.336		27°3190
72. 8.19	3	18 53 56.240	27 57 55.30		†
9440	9.1	2.3467 +0.0013	+ 4.679 +0.330		29°3422
73. 8.22	1	18 53 58.154	29 9 56.24		
74. 8.19	3	57.983	57.43		
76. 8.17	3	58.089	57.05		
9441	6.9	2.3217 +0.0013	+ 4.682 +0.327		29°3423
72. 8.28	3	18 54 0.225	30 0 13.41		
74. 9.12	3	0.007	14.66		
75. 8.30	3	0.140	14.07		
78. 8.28	3	0.218	14.83		
96. 8.22	7	0.219	17.21		§
96. 8.26	7	0.128	19.62	§	v. unsteady:
96. 8.27	7	0.208	18.81	§	[bad bis^{n}?
9442	9.0	2.4006 +0.0012	+ 4.690 +0.339		27°3193
72. 7.20	3	18 54 5.698	27 19 33.67		
74. 9. 2	2	5.725	32.82		
79. 8.11	1	5.787	35.28		− 10^{s}
9443	8.7	2.4663 +0.0012	+ 4.692 +0.348		24°3598
73. 8.21	3	18 54 7.223	24 59 28.73		
84. 8.21	7	7.234	25.66		
84. 8.22	7	7.241	27.30		
84. 9. 2	7	7.166	26.32		+ 1′
9444	9.3	2.4696 +0.0012	+ 4.694 +0.349		24°3597
81. 8.10	3	18 54 8.647	24 52 21.35		Z.C. δ 21″.8
84. 9. 5	7	8.608	22.16		
9445	9.2	2.3479 +0.0013	+ 4.697 +0.330		29°3425
73. 8. 7	3	18 54 10.787	29 7 60.29		
73. 8.22	2	10.886	59.10		
74. 9.12	3.	10.749	59.29		

9446	$9^{m}.0$	$2^{s}.4329$ +$0^{s}.0012$	+ 4″.700 +0″.343	26°3414
72. 8.23	3	$18^{h}54^{m}12^{s}.812$	26° 11′ 35″.98	Z.C. Ep. 74.4
73. 8. 6	3	12.531	35.03	
75. 8. 4	3	12.723	35.65	
75. 8.25	2	12.676	34.99	
9447	9.3	2.3334 +0.0013	+ 4.714 +0.329	29°3426
92. 8. 5	2	18 54 22.797	29 37 12.73	†
9448	9.0	2.3330 +0.0013	+ 4.720 +0.329	29°3427
78. 9. 2	3	18 54 26.654	29 37 61.01	
92. 8. 6	6	26.665	60.95	
92. 9. 8	2	26.688	58.13	
9449	8.6	2.3392 +0.0013	+ 4.723 +0.329	29°3429
72. 8.28	2	18 54 29.443	29 25 53.63	
74. 8. 3	3	29.289	54.80	v. c. d. m.
75. 8.30	3	29.469	53.33	v. ft.
78. 8.28	2	29.389	52.76	
9450	9.4	2.3663 +0.0013	+ 4.729 +0.333	28°3141
72. 8.15	3	18 54 33.439	28 31 5.79	
78. 9. 6	3	33.348	6.24	
78. 9.11	3	33.529	6.31	
9451	9.2	2.3984 +0.0012	+ 4.734 +0.337	27°3194
74. 8. 8	3	18 54 36.643	27 24 45.14	
74. 8.25	3	36.678	45.34	
79. 8. 4	1	36.474	44.70	
9452	8.8	2.4084 +0.0012	+ 4.734 +0.339	27°3195
72. 7.22	3	18 54 36.898	27 3 56.77	− 1 int. − 1′
78. 8.29	3	36.966	56.68	Z.C. δ 56″.7
9453	5.6	2.4370 +0.0012	+ 4.738 +0.343	26°3418
72. 8.23	3	18 54 40.013	26 3 30.61	
72. 8.27	2	40.031	30.55	− 1 int.
73. 8.14	3	39.841	32.00	
76. 8.11	3	39.857	30.71	
9454	9.2	2.3739 +0.0013	+ 4.744 +0.334	28°3143
74. 8.21	2	18 54 44.300	28 15 39.23	
76. 8.16	3	44.266	38.17	
88. 8.25	5	44.202	38.24	
9455	9.3	2.3706 +0.0013	+ 4.748 +0.334	28°3145
73. 8.15	3	18 54 46.583	28 22 35.09	
79. 8.30	3	46.740	35.16	
79. 9. 1	2	46.802	33.98	
80. 8.24	3	46.728	35.65	
83. 8.28	7	46.751	36.46	
9456	9.2	2.4162 +0.0012	+ 4.753 +0.340	— —
74. 8.28	2	18 54 50.143	26 47 53.35	†
9457	9.0	2.4324 +0.0012	+ 4.753 +0.342	26°3419
74. 8.18	1	18 54 50.625	26 13 36.04	
92. 8. 8	7	50.767	34.89	
9458	9.0	2.3332 +0.0013	+ 4.757 +0.329	29°3432
75. 7.24	2	18 54 52.864	29 38 24.23	
92. 9.10	7	52.773	24.46	§
96. 6. 5	7	52.427	23.26	
96. 6.15	7	52.550	23.78	
96. 7. 6	7	52.608	23.46	
96. 7.10	7	52.535	23.88	

9459	$8^{m}0$	$2^{s}4337$	$+0^{s}0012$	$+\ 4''758$	$+0''342$	26°3420
	74. 7.28	3	$18^{h}54^{m}54^{s}251$	26° 10′ 47″76		
	74. 8.18	3	54.195	48.22		
9460	7.5	2.4165	+0.0012	+ 4.762	+0.340	26°3421
	74. 7.30	3	18 54 57.032	26 47 35.82		
	74. 8.28	3	56.823	35.57		
	76. 8.11	2	56.907	35.13		
9461	9.0	2 4666	+0.0011	+ 4.763	+0.347	24°3602
	73. 8. 9	3	18 54 57.651	25 0 6.98		
	73. 8.21	3	57.499	6.31		
	79. 8.25	2	57.601	5.52		
9462	8.6	2.4664	+0.0011	+ 4.769	+0.347	24°3603
	73. 8. 9	3	18 55 1.381	25 0 36.02		
	79. 8.25	1	1.314	35.84		
9463	9.3	2.4437	+0.0012	+ 4.774	+0.344	25°3693
	79. 8.29	1	18 55 5.268	25 49 43.25	ex. ft.	
	80. 8.23	3	5.094	43.66	Z.C. δ 43″7	
	80. 8.31	3	5.055	44.05		
9464	9.0	2.4490	+0.0012	+ 4.784	+0.345	25°3694
	74. 7.24	3	18 55 12.122	25 38 34.34		
	76. 8. 9	3	12.150	32.74		
	81. 9. 9	3	12.428	34.89		
9465	9.2	2.4380	+0.0012	+ 4.786	+0.343	26°3423
	77 8.17	3	18 55 14.073	26 2 17.75	Z.C. δ 17″3	
	80. 8.24	1	13.982	16.83		
9466	8.6	2.3462	+0.0013	+ 4.789	+0.330	29°3434
	74. 8. 6	3	18 55 15.524	29 13 4.95		
	74. 9.12	3	15 614	4.57		
	82. 8.21	3	15.705	4.54		
	82. 9. 7	3	15 654	3.94		

9467 Not found on revision 97.9.10: not found on Oxford photograph 93.8.18: the catalogue place is 1 int. wrong: see appendix 9472^{b}

9468	8.1	2.3561	+0.0013	+ 4.794	+0.331	28°3146
	73. 9. 1	1	18 55 19.061	28 53 3.70		
	76. 8.16	2	19 112	2.93		
	78. 9 11	2	19.110	4.45		
	88. 8.29	5	19.156	3 55		
9469	8 9	2.3973	+0.0012	+ 4.795	+0.337	27°3198
	72. 8.19	3	18 55 20 059	27 28 14.61		
	76. 8.14	3	20.040	13.65		
	79. 8. 7	3	19.076	14 90		
	79 9. 8	3	19.963	14.11		

9470 Wrongly reduced: see 9472^{a}

9471	8.4	2.3541	+0.0013	+ 4.796	+0.331	28°3148
	78 9. 2	3	18 55 20 715	28 57 9.11		
	78. 9 6	2	20.819	8.94		
	79. 8.28	1	20.584	8.13		
	79. 8.30	2	20.554	8.38		
	88. 9. 6	4	20.686	9.69		

9472	$7^{m}7$	$2^{s}3673$	$+0^{s}0013$	$+\ 4''796$	$+0''333$	28°3147
	84. 9.10	7	$18^{h}55^{m}20^{s}922$	28° 30′ 8″37		
	84. 9.11	7	20.830	8.63		
	84. 9.12	7	20 901	7.16		
9472^{a}	9.0	2.3744	+0.0013	+ 4.809	+0.334	— —
	72. 7.15	3	18 55 30.034	28 15 52.70	w. 4.6 + 10^{s} †	
9473	9.1	2.3338	+0.0013	+ 4.810	+0.329	29°3436
	73. 8. 7	3	18 55 30.955	29 38 14.60		
	73. 8.30	1	31.104	14.34		
	74. 8. 3	1	30.823	15.83		
	74. 8.19	3	30.918	15.10		
9474	9.0	2.3367	+0.0013	+ 4.814	+0.329	29°3437
	74. 8.22	1	18 55 33.184	29 32 30.04		
	79. 9. 3	2	33.486	29.76		
	80. 9. 3	2	33.396	29.89		
9475	9.1	2.3402	+0.0013	+ 4.822	+0.329	29°3438
	73. 9.20	3	18 55 38.685	29 25 34.17		
	74. 8. 6	3	38.757	33.56		
9476	9.5	2.4378	+0.0012	+ 4.826	+0.343	— —
	74. 8.28	1	18 55 42.105	26 3 12.92	†	
9477	9.1	2.4069	+0.0012	+ 4 832	+0.338	27°3201
	81. 8.10	2	18 55 45.888	27 8 50.10	Z.C. δ 49″8	
	84. 9.20	5	46.047	49.55	s. p. of 2	
9478	8.7	2.4135	+0.0012	+ 4.833	+0.339	26°3424
	74. 7.28	3	18 55 47.021	26 55 2.67	Z.C. δ 3″2	
	77. 8 30	2	46 937	4.10		
	78. 8.29	3	46.943	2 90		
9479	8.2	2.4270	+0.0012	+ 4.841	+0.341	26°3425
	92. 9 5	7	18 55 52.613	26 26 43.15	+ 1^{s}	
	93. 6.30	6	52.647	40.87		
	93 7. 5	4	52.780	43.61		
	93. 7.17	4	52.808	42.75		
9480	8.5	2.4315	+0 0012	+ 4.841	+0.342	26°3426
	73 8.14	3	18 55 52.705	26 17 7.37		
	75. 8.25	3	52.869	6.64		
	77. 8.17	2	52.856	7.33		
	85 9. 3	5	52.749	7.79		
	85. 9. 4	5	52.800	7.90		
	85. 9.17	5	52.694	7.20		
	85 9.18	5	52.762	7.54		
9481	9.0	2.3599	+0.0013	+ 4.844	+0.332	28°3151
	72 8 15	3	18 55 54.815	28 46 7.07		
	73 8.15	3	54.818	7.83		
	75 9.15	2	54.914	9.59		
9482	8.8	2.4248	+0.0012	+ 4.868	+0.341	26°3428
	74. 9. 9	3	18 56 11.497	26 31 47.02		
	75. 8. 4	3	11.503	46 97		
	84. 8.29	3	11.410	47.05		
9483	8.2	2.4096	+0.0012	+ 4.869	+0 339	27°3203
	72. 7.20	3	18 56 12.325	27 3 51.71		
	72. 7.22	3	12.271	53.78		
	74. 8. 8	3	12.319	52.89		
	79 8. 4	2	12.491	53.17		

9484	6^{m}4	2^{s}4365	+0^{s}0012	+ 4″869	+0″343	26°3429
84.10. 3	7	18^{h}56^{m}12^{s}336		26° 6′ 54″16		
92. 8. 3	7	12.513		55.08		
9485	9.2	2.3264	+0.0013	+ 4.877	+0.327	29°3442
81.10. 1	3	18 56 18.052		29 54 17.11		Z.C. δ 17″2
85. 9. 9	5	18.141		17.01		+5′
85. 9.11	5	18.143		17.49		+ 1 int. − 1^m
9486	8.7	2.4337	+0.0012	+ 4.881	+0.342	26°3430
72. 8.23	1	18 56 20.817		26 13 8.32		
72. 8.27	3	20.607		8.81		
73. 8. 6	3	20.677		8.27		
73. 8.25	3	20.564		9.34		
82. 9.25	3	20.503		9.57		
9487	7.0	2.3758	+0.0013	+ 4.881	+0.334	28°3153
74. 8.11	3	18 56 20.911		28 14 5.24		
75. 8. 2	3	20.932		5.71		
76. 8.16	3	20.820		6.23		
9488	6.9	2.3434	+0.0013	+ 4.889	+0.330	29°3444
73. 8.22	2	18 56 26.129		29 20 30.51		
74. 9.12	3	26.108		29.54		
75. 7 24	3	26.143		29.99		
75 8.30	3	26.233		29.30		
80. 8 28	2	26 256		30.94		
9489	9.3	2.4442	+0.0012	+ 4.889	+0.344	25°3702
74. 9.14	3	18 56 26.387		25 50 40.02		
90 8.30	5	26.511		39.00		
9490	8.9	2.4054	+0.0012	+ 4.895	+0.338	27°3204
72. 8.19	3	18 56 30.750		27 12 56.59		d. l.
74. 9 2	3	30.830		56.54		d. s.
75. 9.20	2	30.721		58.15		clds.
9491	9.2	2.4081	+0.0012	+ 4.897	+0.338	27°3205
85. 9.21	5	18 56 31.951		27 7 30 98		†
9492	8.1	2.3503	+0.0013	+ 4.898	+0.331	29°3445
72 8 28	2	18 56 33.036		29 6 35.67		
74. 8 6	1	32 794		36.92		
77 9. 5	3	32.864		37.83		
9493	8.3	2.3849	+0.0013	+ 4.915	+0.335	27°3206
74. 8.25	3	18 56 44.742		27 56 18.24		
75. 9. 3	3	44.939		19.86		
76. 8.14	3	44.733		17.62		
78. 8.26	3	44.785		19.10		
9494	9.2	2.3289	+0.0013	+ 4.918	+0.327	— —
82. 8.21	3	18 56 46.662		29 50 5.74		†
9495	9.0	2.4519	+0.0012	+ 4.919	+0.345	25°3703
73. 8. 5	3	18 56 47.861		25 34 37.34		
73. 8.21	3	47.747		38.28		
74. 8 20	3	47.758		38.79		
75. 8.31	3	47.871		39.49		
80. 8 31	3	47.841		38.94		
80. 8.31	2	47.822		39.83		
9496	8^{m}4	2^{s}4041	+0^{s}0012	+ 4″921	+0″337	27°3207
74. 9. 2	2	18^{h}56^{m}48^{s}937		27° 16′ 14″97		
76. 8.14	2	48.966		14.87		
78. 9.19	3	48.849		15.78		
9497	9.1	2.3814	+0.0013	+ 4.921	+0.335	28°3155
84. 9.18	7	18 56 49.178		28 3 35.91		
87. 8.22	7	49.073		37.24		
9498	9.2	2.3363	+0.0013	+ 4.924	+0.328	29°3446
86. 9.13	7	18 56 50.867		29 35 21.99		
88. 8.25	5	50.980		22.55		
9499	9.1	2.4084	+0.0012	+ 4.926	+0.338	27°3208
79. 8. 7	3	18 56 52.512		27 7 23.55		Z.C. δ 24″0
81. 9.30	3	52.520		24.38		
9500	9.2	2.3301	+0.0013	+ 4.926	+0.327	29°3447
86. 9. 7	5	18 56 52.818		29 47 45.33		†
9501	9.0	2.3594	+0.0013	+ 4.927	+0.332	28°3156
72. 7.15	3	18 56 53.586		28 48 48.37		
72. 8.15	3	53.490		48.05		
75. 9.15	2	53.340		49.39		
80. 9. 4	3	53.573		48.35		
9502	9.1	2.3287	+0.0013	+ 4.934	+0.327	29°3448
73. 8. 7	3	18 56 58.371		29 50 52.63		†
85. 9. 1	4	58.390		51.81		
86. 9.11	7	58.272		52.30		
9503	9.2	2.4645	+0.0011	+ 4.942	+0.347	25°3704
73. 8. 9	3	18 57 3.962		25 7 43.26		
74. 9.14	2	4.015		43.45		
75. 9. 6	3	3.969		43.16		
75. 9.16	3	3.944		42.97		
9504	9.3	2.3885	+0.0012	+ 4.948	+0.335	27°3210
78. 8.29	3	18 57 8.011		27 49 21.15		
78 9. 6	3	7.954		20.62		
9505	9.4	2.4625	+0.0011	+ 4.953	+0.346	25°3705
76 8. 9	3	18 57 11.665		25 12 15.56		†
9506	9 0	2.3945	+0.0012	+ 4.960	+0.336	27°3212
74. 8. 8	2	18 57 16.673		27 37 13.58		+ 1′
79. 8.11	3	16.854		12.69		
79. 8.28	1	17.004		12.92		
79. 8.30	2	16.915		11.75		
79 9 1	3	16.967		12.64		
9507	8 8	2.3942	+0.0012	+ 4.962	+0.336	27°3213
74. 8. 8	2	18 57 17.742		27 37 47.72		
79 8.11	2	17.766		47.69		
79. 8.30	1	17.918		48.13		
79. 9. 1	1	17.999		48.00		
9508	8.5	2.3825	+0.0012	+ 4.963	+0.335	28°3160
73. 8.15	3	18 57 19.098		28 2 6.06		
74. 8.21	2	19 168		5.71		
77. 8.15	3	19.101		5 01		
77. 9. 8	2	18.925		6.93		clds.
96. 8.22	3	19.013		4.28		§
96. 8.25	5	19.102		4.09		§
96. 8.26	5	18.890		5.35		§

9509 $9^{m}.3$ $2^{s}.3898$ $+0^{s}.0012$ $+ 4''.964$ $+0''.336$ 27°3214

72. 7.22	3	$18^{h}57^{m}19^{s}.567$	$27^\circ 46' 57''.56$	
74. 8.25	3	19.393	57.35	
79. 9. 8	3	19.707	58.23	
86. 9.10	5	19.700	58.22	
88. 8 29	5	19.645	57.77	

9510 9.1 2.4268 +0.0012 + 4.973 +0.340 26°3433

73. 8.14	3	18 57 26.242	26 29 15.22	
74. 7.28	3	26.331	15.73	$+15'$.
74. 8.18	2	26.332	15.41	
75. 8 4	3	26.500	17.30	
75. 8.25	3	26.189	15.41	
76. 8.11	2	26.354	15.96	
77. 8.30	3	26.354	16.20	

9511 9.3 2.3517 +0.0013 + 4.980 +0.330 29°3450

73. 8.22	2	18 57 31.032	29 5 19.75	†

9512 9.5 2.3796 +0.0012 + 4.985 +0.334 28°3161

74. 8.11	3	18 57 34.780	28 8 32.85	†

9513 9.3 2 3890 +0.0012 + 4.990 +0.335 — —

75. 9. 3	3	18 57 37.702	27 49 1.44	
79. 9.20	3	37.781	1.01	

9514 9.5 2.3331 +0.0013 + 4 992 +0.327 29°3451

74. 9. 4	3	18 57 39.027	29 43 15.84	†

9515 9 4 2.4127 +0.0012 + 4.998 +0.338 — —

88. 9. 6	5	18 57 43.778	26 59 35.65	†

9516 7.9 2.3513 +0.0013 + 5.002 +0.330 29°3453

73. 8.22	3	18 57 46.419	29 6 43.81	
74. 8. 6	3	46.422	43.41	
76. 8.17	3	46 451	43.66	
77. 9. 5	3	46.429	44.13	
78. 8.19	2	46.372	43.93	

9517 9.4 2.3794 +0.0012 + 5.004 +0.334 28°3162

73. 9. 1	3	18 57 48.052	28 9 19.67	Z.C. δ 18″.6
77. 8.15	3	47.945	18.83	
81. 8.10	3	48.014	17.42	

9518 9.1 2.4111 +0.0012 + 5.005 +0.338 27°3216

72. 7.20	3	18 57 48.459	27 3 1.35	
72. 8.19	3	48.522	2.04	
79. 8. 7	3	48.396	2.60	

9519 9.1 2.3767 +0.0012 + 5.012 +0.333 28°3164

73. 8.15	3	18 57 53.444	28 15 1.57	Z.C. δ 1″.3
85. 9. 3	5	53.418	0.73	
85. 9. 4	5	53.470	1.24	
85. 9.17	6	53.369	0.29	
85. 9 18	7	53.466	2.44	
90. 9.15	7	53.431	1.46	

9520 9.2 2.4108 +0.0012 + 5.014 +0.338 27°3217

76. 8.14	2	18 57 55 053	27 3 54.33	
78. 8.26	3	55 137	55.77	
84. 9.20	5	55.098	54.17	
84. 9.25	5	55.354	53.33	

9520^{a} $9^{m}.3$ $2^{s}.3976$ $+0^{s}.0012$ $+ 5''.018$ $+0''.336$ 27°3218

80. 9.16	3	$18^{h}57^{m}56^{s}.093$	$27^\circ 31' 31''.89$	$+5^{m}$.
80. 9.16	2	56.054	31.87	$+5^{m}$.

The transit as recorded clashes with the previous observation: the correction is indicated by the times recorded by the circle observer.

9521 8.9 2.4455 +0.0012 + 5.025 +0.343 25°3709

74. 7.24	3	18 58 2.376	25 50 8.09	
78. 9.26	2	2.292	8.38	
79. 8. 6	3	2.502	9.11	

9522 8.3 2.4657 +0.0011 + 5 025 +0.346 25°3708

73. 8. 9	3	18 58 2.604	25 6 38.11	
73 8.21	3	2.348	38.04	
74. 8.20	3	2.594	36.69	
75. 9. 6	3	2.675	36.91	
75. 9. 9	3	2 552	36.52	
76. 8. 9	3	2.569	35.67	
78. 8.27	3	2.495	36.91	

9523 9.3 2.3447 +0.0013 + 5 026 +0.329 29°3455

80. 8.28	3	18 58 3.204	29 20 24.37	†

9524 8.9 2.3773 +0 0012 + 5.037 +0.333 28°3166

72. 8.15	3	18 58 11.209	28 14 9.31	
75. 8. 2	3	10 998	10.94	
75. 9 15	2	11.225	9.92	
76. 8.16	2	11.063	10.48	
84. 8.21	5	11.098	9.85	
84. 8.23	7	11.213	11.13	
90. 9.13	7	11.225	11.00	

9525 7.3 2 4510 +0.0012 + 5.037 +0.344 25°3710

75. 8.31	3	18 58 11.518	25 38 38.74	
79. 8.25	3	11.444	37.37	

9526 9.1 2.4687 +0 0011 + 5 042 +0 346 24°3615

73 8. 5	3	18 58 15.002	25 0 24.00	
78. 8.27	2	15.062	23.67	
79. 8 29	3	14 873	22.40	

9527 9.4 2.4718 +0.0011 + 5.045 +0.346 24°3616

85. 9 9	5	18 58 16.836	24 53 48.54	
85. 9.11	5	16.794	50.06	

9528 7.8 2.4448 +0.0012 + 5.049 +0.343 25°3711

74. 7.24	3	18 58 19.826	25 52 10 90	
74. 7.29	3	19 733	10.29	

9529 7.8 2.3300 +0.0013 + 5.051 +0.327 29°3457

72 8.28	3	18 58 21.609	29 50 34.97	
73. 8 7	3	21.339	35.91	
73. 8.30	3	21.314	35.01	
73. 9.20	3	21.486	35.83	
73. 9.20	2	21.526	36.17	
75. 7.24	3	21.263	35.56	
75. 8.30	3	21.462	35.72	
78. 9. 2	3	21.299	35.47	
78. 9.11	3	21.422	35.59	

9530 9.1 2.3708 +0.0012 + 5.054 +0.332 28°3167

81. 9.30	3	18 58 23.222	28 27 58.69	
81.10. 1	3	23.480	59.17	
88. 8.22	5	23.284	59.05	

9531 $8^{m}7$ $2^{s}4682$ $+0^{s}0011$ $+5''059$ $+0''346$ 24°3619

84. 8.22	5	$18^{h}58^{m}26^{s}911$	25° 1′ $41''52$	
84. 9. 5	7	26.935	40.39	

9532 9.2 2.3727 +0.0012 + 5.061 +0.332 28°3169

85. 9.21	7	18 58 28.468	28 24 5.79	
87. 8.31	5	28.641	7.57	

9533 9.5 2.3605 +0.0013 + 5.068 +0.331 28°3170

73. 9. 1	3	18 58 33.126	28 49 13.35	†

9534 9.1 2.4086 +0.0012 + 5.075 +0.337 27°3224

87. 8.24	7	18 58 38.404	27 9 34.65	
87. 9. 2	7	38.405	34.14	

9535 9.5 2.4364 +0.0012 + 5.076 +0.341 — —

73. 8.25	3	18 58 38.600	26 10 49.02	
74. 8.28	3	38.572	48.02	

9536 8.6 2.3926 +0.0012 + 5.078 +0.335 27°3225

72. 7.22	3	18 58 40.044	27 43 17.61	Z.C. α $39^{s}98$
74. 8.25	3	39.950	16.01	
78. 8.29	3	39.949	15.85	-5^{s}
86. 8.31	5	39.897	15.78	
86. 9. 9	4	40.051	16.64	

9537 9.0 2.4456 +0.0012 + 5.081 +0.343 25°3712

74. 7.29	2	18 58 42.284	25 51 3.85	
74. 9.14	3	42.308	3.73	
78. 9.26	3	42.317	4.59	
79 8. 6	3	42.430	4.02	
79. 8.25	3	42.406	3.94	

9538 8.9 2.4271 +0.0012 + 5.089 +0.340 26°3437

72. 8.23	3	18 58 48.009	26 30 43.37	
72. 8.27	3	47.835	44.53	
73. 8. 6	3	47.768	43.40	
73 8.11	2	47.832	44.36	
73. 8.14	3	47.708	44.62	
75. 8. 4	3	47.797	44.98	
75. 8.25	3	47.782	43.50	
76 8.11	3	47.772	42.70	
77. 8.30	3	47.800	44.44	
84 8.29	7	47.818	42.90	
84. 9. 2	7	47.786	42.86	

9539 9.2 2.4043 +0.0012 + 5.094 +0.337 27°3226

87. 8.25	7	18 58 51.830	27 19 9.61	
87. 9. 8	5	51.703	9.81	

9540 9.0 2.3628 +0.0013 + 5.107 +0.331 28°3172

72. 7.15	3	18 59 0.546	28 45 23.17	
77. 8.15	3	0.664	23.36	
87. 8.22	7	0.568	23.66	
87. 9.22	5	0.629	23.15	

9541 8.8 2.4621 +0.0011 + 5.111 +0.345 25°3713

73. 8 21	3	18 59 3.568	25 16 2.55	Z.C. δ $1''3$
74. 8.20	3	3.517	1.00	
75. 8.31	3	3.599	1.54	– 1 int.
75. 9. 9	2	3.510	0.92	– 5′
75. 9 16	3	3.528	0.44	w. 3 + 10^{s}
84. 9.10	7	3.427	1.51	
88. 8.25	5	3.596	0.93	

9542 $9^{m}0$ $2^{s}3265$ $+0^{s}0013$ $+5''123$ $+0''326$ 29°3460

74. 8. 3	3	$18^{h}59^{m}12^{s}440$	29° 58′ $58''60$	
74. 8.19	3	12.321	58.45	
74. 8.22	3	12.515	57.58	
78. 9.11	3	12.565	57.55	

9543 9.3 2.4729 +0.0011 + 5.133 +0.347 24°3621

81. 9. 9	3	18 59 19.107	24 52 34.77	Z.C. δ $35''1$
86. 9. 7	5	18.914	35.40	

9544 7.6 2.4099 +0.0012 + 5.134 +0.337 27°3228

72. 7.20	3	18 59 19.972	27 8 5.57	
72. 8.19	3	20.112	5.92	
75. 9. 3	3	20.089	6.87	
75. 9.20	2	20.016	7.63	
78. 8.26	3	20.031	7.41	
78. 8.29	2	19.990	5.24	
84. 9.11	7	20.022	6.27	
84. 9.12	7	19.982	5.44	
84. 9.25	3	20.188	5.17	

9545 9.0 2.3717 +0.0012 + 5.139 +0.332 28°3174

72. 8.15	3	18 59 23.448	28 27 39.79	
74. 8.11	3	23.450	40.99	
74. 8.21	3	23.623	40.89	
75. 8. 2	3	23.548	41.39	
75. 9.15	2	23.544	40.22	
76. 8.16	3	23.478	41.18	
81. 9 30	3	23.689	41.22	
81. 10 1	3	23.727	41.00	

9546 9.5 2.3343 +0.0013 + 5.140 +0.327 29°3463

73. 8 7	3	18 59 24.416	29 43 37.41	
73. 8.22	3	24.282	37.01	
73. 8.30	3	24.318	36.69	
74. 9. 4	3	24.250	36.78	
76. 8.17	3	24.383	37.15	
78. 9. 2	3	24.438	36.97	

9547 8.9 2.4559 +0.0012 + 5.148 +0.344 25°3714

74. 9 14	3	18 59 29.749	25 30 12.60	Z.C. Ep. 79.0
76. 8. 9	3	29.759	11.20	
78. 9.26	2	29.881	12.49	
79. 9. 8	3	30.038	12.01	
79 9.20	3	29.818	12.12	
80. 8 23	3	29.877	11.53	
82. 9.22	3	29.673	12.33	

9548 9.0 2.4031 +0.0012 + 5.150 +0.336 27°3229

74. 8. 8	3	18 59 31.085	27 22 49 16	Z.C. δ $49''5$
78. 9. 6	3	31.175	49.77	
78. 9.18	3	31.390	49.30	
78. 9.19	3	31.328	49.81	
85. 9. 1	5	31.313	49.03	
88 9. 6	5	31.208	50.15	-1^{s}

9549 9.3 2.4384 +0.0012 + 5.153 +0.341 26°3438

75. 8. 4	3	18 59 33.712	26 7 48.59	†

9550 9.1 2.4095 +0.0012 + 5.154 +0.337 27°3231

74. 8.25	2	18 59 33.760	27 9 21.87	
78. 8.29	1	34.172	21.37	
79. 8. 4	3	33.990	21.96	

9551 $8^m.1$ $2^s.4533$ $+0^s.0012$ $+ 5''.157$ $+0''.344$ 25°3715

73. 8. 9	2	18^h	59^m	$36^s.404$	25°	36′	$2''.06$	
75. 8.31	3			36 460			1.34	
75. 9. 6	3			36.283			1.64	
79. 9.22	3			36.443			0.87	
80. 8.23	3			36.391			0.43	
80. 8.31	3			36.319			1.45	
80. 8.31	3			36.419			1.21	
81. 9 14	3			36 191			1.57	
83. 8.28	7			36.410			1.99	

9552 9.2 2.3604 +0.0013 + 5.158 +0 331 28°3176

73. 8.15	3	18	59	37.088	28	51	12.87	
80. 9. 4	3			37.134			14.10	
85. 9 3	5			37.048			13.82	
85. 9. 4	7			37.039			14.08	

9553 8.7 2.4379 +0.0012 + 5.159 +0.341 26°3439

73. 8.11	3	18	59	37.830	26	9	2.28	
74. 7.28	3			37 648			2.77	
74. 8.28	3			37.691			2.92	
74. 9 9	3			37.639			3.67	
76. 8.11	3			37.794			1 87	
82. 9.25	3			37.636			3.00	

9554 9 2 2.4088 +0.0012 + 5.162 +0.337 27°3233

78. 9.18	1	18	59	39.797	27	10	52.07	
84. 9 20	3			39.458			51.83	

9555 9.0 2.4372 +0.0012 + 5.175 +0.341 26°3441

73. 8. 6	3	18	59	49 175	26	10	43.04	
73. 8.25	3			49.267			45.27	
74. 8.28	2			49.129			43.96	
75. 8.25	3			49.244			43.99	
77. 8 30	3			49.219			45.36	
86. 9.10	7			49.258			42.75	
86. 9 11	7			49.202			43 16	

9556 9.5 2.4739 +0.0011 + 5.178 +0.347 24°3627

73. 8. 5	3	18	59	50 909	24	51	15.83	
78. 8.27	1			50.909			16.63	
79. 8.25	3			50.956			14 62	
80. 8.24	3			50.906			16.36	

9557 9.3 2.3994 +0.0012 + 5.182 +0.336 27°3234

80. 9.16	2	18	59	54.005	27	31	4.86	
85. 9. 9	5			53.727			4 35	
85. 9.11	4			53.836			4.54	
87. 9. 7	7			54.170			5.59	

9558 7.7 2.4522 +0.0011 + 5.186 +0.343 25°3717

73. 8. 9	1	18	59	56.360	25	39	1.37	Z.C. Ep. 75.2
75. 8.31	1			56.520			1.28	
75. 9. 6	3			56.484			0.81	
75. 9 16	3			56.539			0.15	

9559 7.7 2.3856 +0.0012 + 5 186 +0.334 27°3235

75. 9. 3	3	18	59	56.697	28	0	3.87	
75. 9.20	2			56.459			3.30	
76. 8.14	3			56.654			2.75	
78 8.26	1			56.742			3.73	
78. 9. 6	3			56.362			2.73	
84. 8.21	7			56.604			2.88	
84. 8.22	4			56.566			4.01	
86. 9.13	7			56.558			3.36	

9560 $9^m.4$ $2^s.3997$ $+0^s.0012$ $+ 5''.188$ $+0''.336$ — —

80. 9.16	2	18^h	59^m	$58^s.095$	27°	30′	$44''.17$	†

9561 9.2 2.4187 +0.0012 + 5.195 +0.339 26°3442

73. 8.14	3	19	0	3.568	26	50	44.62	
73. 9.16	3			3.781			43.67	
74. 8.18	3			3.596			44.24	
77. 8.17	3			3.447			43.68	

9562 9.0 2.3599 +0.0012 + 5.199 +0.330 28°3180

72. 8.20	3	19	0	5.825	28	53	2.24	
73. 8.15	3			5.796			3.30	d.l.
74. 8.21	3			5.761			4.17	

9563 8.9 2.3982 +0.0012 + 5.203 +0.336 27°3237

72. 7.20	3	19	0	8.614	27	33	56.08	
72. 7.22	3			8.690			57.61	
75. 8.27	3			8.807			57.83	

9564 7.6 2.4500 +0.0011 + 5.211 +0.343 25°3719

74. 7.24	3	19	0	14.698	25	44	1.45	
74. 8.20	3			14.665			2.36	
75. 9. 9	3			14.843			1.92	
79. 8. 6	3			14.997			1.92	

9565 9.0 2.4202 +0.0012 + 5.225 +0.339 26°3445

73. 8. 6	2	19	0	24.690	26	48	8.18	
73. 8.11	2			24.824			9.67	
73. 8.14	3			24.620			9.70	

9566 9.0 2.3496 +0.0012 + 5.233 +0.329 29°3467

73. 8. 7	2	19	0	30.054	29	14	37.50	
73. 8.22	3			29.966			37.24	
74. 8.22	3			30.057			36.54	
78. 9. 2	3			30.016			36.92	

9567 8.9 2.3517 +0.0012 + 5.234 +0.329 29°3468

72. 8.28	3	19	0	30.884	29	10	24.42	
73. 9.20	3			30.951			24.72	
74. 8. 3	3			30.760			25.74	
74. 9.12	3			30.796			25.00	
75. 8.30	3			30.943			25.11	
76. 8.17	3			30.953			24.65	

9568 9.4 2.4675 +0.0011 + 5.236 +0.345 25°3720

73. 8.21	3	19	0	32.342	25	6	25.25	
75. 9.16	1			32.297			24.96	
79. 8.29	2			32.745			24.19	

9569 9.2 2.3413 +0.0013 + 5.236 +0.327 29°3469

82. 9.25	3	19	0	32.700	29	31	33.24	
85. 9.18	7			32.611			33.55	

9570 7.9 2.4085 +0.0012 + 5.241 +0.336 27°3240

72. 8.19	3	19	0	35.803	27	13	4.50	
74. 9. 2	3			35.806			4.87	
75. 9.20	2			35.891			5.99	clds

9571 8.0 2.4120 +0.0012 + 5.243 +0.337 27°3241

73. 9. 4	3	19	0	37.395	27	5	44.34	
78. 9.19	3			37.468			43.96	
79. 8. 7	3			37.384			43.88	
79. 9. 1	3			37.538			43.39	

9572 $9^{m}.0$ $2^{s}.4389$ $+0^{s}.0011$ + 5″.260 +0″.341 26°3446

72. 8.23	3	$19^{h}\ 0^{m}\ 49^{s}.764$	26° 8′ 53″.82	Z.C. δ 54″.3
72. 8.26	3	49.675	53.74	
72. 8.27	3	49.822	54.35	
73. 9.16	3	49.989	54.70	
74. 9. 9	2	49.694	54.35	
77. 9. 4	2	49.797	55.37	
82. 9.22	3	49.752	53.93	

9573 9.0 2.4221 +0.0012 + 5.266 +0.338 26°3447

76. 8.11	3	19 0 53.384	26 44 39.31	
77. 8.17	3	53.470	40.02	+ 5′
87. 8.31	7	53.501	40.53	
88. 8.22	5	53.433	39.56	

9574 6.6 2.3355 +0.0013 + 5.268 +0.326 29°3472

73. 8.30	3	19 0 55.084	29 43 54.67	
74. 8. 6	3	55.031	54.55	
74. 9. 4	3	55.184	55.14	
75. 7.24	3	55.150	56.11	
76. 8.17	2	55.156	56.09	

9575 8.1 2.3529 +0.0012 + 5.270 +0.329 29°3473

74. 8. 3	3	19 0 56.530	29 8 40.73	
74. 8.19	3	56.356	40.51	
74. 8.22	3	56.709	39.88	
74. 9. 4	2	56.466	39.64	

9576 9.2 2.4504 +0.0011 + 5.271 +0.342 25°3723

85. 9.21	7	19 0 56.963	25 44 22.07	
86. 8.31	5	56.937	21.85	
86. 9. 7	5	57.006	20.29	

9577 8.0 2.3595 +0.0012 + 5.271 +0.329 28°3186

72. 7.15	3	19 0 57.524	28 55 23.59	
76. 8.16	3	57.280	23.60	
87. 9. 8	5	57.355	22.74	

9578 7.8 2.3681 +0.0012 + 5.273 +0.331 28°3187

73. 9. 1	3	19 0 58.528	28 37 42.16	
74. 8.11	3	58.485	42.37	
74. 8.21	3	58.445	41.95	
75. 8. 2	3	58.576	43.27	
75. 9.15	3	58.657	43.31	

9579 9 3 2.4113 +0.0012 + 5.278 +0.337 27°3243

74. 8.25	3	19 1 2.005	27 7 46.59	
75. 9. 3	3	2.051	47.06	
76. 8.14	3	1.855	46.42	
87. 9.22	5	2.238	47.50	

9580 9.0 2.3499 +0.0012 + 5 293 +0.328 29°3475

72. 8.28	3	19 1 12.925	29 15 16.17	Z.C. α $12^{s}.82$
73. 8.22	3	12.815	15.37	
73. 9.20	1	12.964	15.30	
74. 9.12	3	12.880	15.66	
75. 8.30	3	12.902	16.44	
78. 9. 2	3	12.725	17.07	
80. 8.28	3	12.814	15.62	
80. 8.28	2	12 534	16.28	

9581 9.0 2.3761 +0.0012 + 5.301 +0.332 28°3189

72. 8.15	3	19 1 18.554	28 22 0.88	
73. 9 1	3	18.702	1.65	

9582 $9^{m}.0$ $2^{s}.4003$ $+0^{s}.0012$ + 5″.306 +0″.335 27°3245

74. 9. 2	3	$19^{h}\ 1^{m}\ 22^{s}.037$	27° 31′ 41″.12	
78. 9. 6	3	22.028	41.08	
78. 9.18	2	22.002	40.90	
78. 9.19	2	21.900	41.57	
79. 8.28	3	21.990	41.27	
79. 8.30	3	22.120	41.22	
87. 9.28	5	21.977	39.17	

9583 9.0 2.4621 +0.0011 + 5.315 +0.344 25°3724

73. 8. 5	3	19 1 28.281	25 19 32.87	
73. 8.21	2	28.199	34.46	
74. 7.24	3	28.258	32.09	
88. 8.25	7	28.203	33.55	

9584 9.4 2.4261 +0.0012 + 5.317 +0.339 26°3450

73. 8.25	3	19 1 29.981	26 37 11.75	
77. 8.30	3	30.212	12.19	
87. 9. 2	5	30.230	11.24	

9585 9.0 2.3715 +0.0012 + 5.319 +0.331 28°3192

84. 8.23	7	19 1 31.115	28 31 41.69	
84. 8.29	7	31.111	41.38	

9586 9.5 2.4133 +0.0012 + 5.321 +0.337 27°3246

73. 9. 4	2	19 1 32.913	27 4 27.90	†

9587 9.1 2.4274 +0.0012 + 5.324 +0.339 26°3451

75. 8.25	3	19 1 34.762	26 34 33.08	Z.C. δ 33″.7
77. 8.17	3	34.830	33.72	
77. 9. 4	3	34.836	34.81	
88. 9. 6	5	34.850	33.08	

9588 5.6 2.3744 +0.0012 + 5.331 +0.332 28°3193

72. 8.20	3	19 1 40.172	28 25 58.94	† Z.C. δ 59″.7
74. 8.11	3	40.067	58.89	
75. 8. 2	2	39.993	60.73	
77. 8.15	3	39.978	60.26	

9589 9.2 2.3845 +0.0012 + 5.336 +0.333 28°3194

77. 8.15	2	19 1 43.472	28 5 4.76	Z.C. δ 4″.8
77. 9. 8	3	43.358	4.78	†

9590 9.5 2.4720 +0.0011 + 5.344 +0.345 — —

80. 8.24	3	19 1 49.367	24 58 36.11	†

9591 9.2 2.3998 +0.0012 + 5.348 +0.335 27°3247

74. 9. 2	3	19 1 52.275	27 33 34.19	d.n.f. [$+10^{s}$
75. 9. 3	3	52.233	35.72	d. n. f. w. 6.7
78. 8.29	2	52.291	34.13	d.n.f. – 1 int.
				Z.C. δ 34″.7

9592 8.3 2.4365 +0.0011 + 5.351 +0.340 26°3452

73. 9.16	3	19 1 54.431	26 15 44.25	
74. 8.28	3	54.291	44.91	
76. 8.22	2	54.526	44.69	

9593 8.7 2.3996 +0.0012 + 5.355 +0.335 27°3248

72. 7.20	3	19 1 57.127	27 34 6.12	
72. 7.22	3	57.192	7.51	
74 8.25	3	57.014	6.14	
76. 8.14	3	57.049	5.72	
78. 8.29	1	57.241	5.90	

9594	$8^{m}.6$		$2^{s}.3579$ $+0^{s}.0012$	$+\ 5''.363$ $+0''.329$	28°3198
	73. 9. 1	2	$19^{h}\ 2^{m}\ 2^{s}.985$	$29^{\circ}\ 0'\ 30''.92$	
	74. 8.21	3	3.043	30.23	
	75. 9.15	3	3.089	30.36	
9595	8.9		2.4295 +0.0012	+ 5.366 +0.339	26°3453
	72. 8.26	2	19 2 5.184	26 31 6.03	
	72. 8.27	3	5.150	4.77	
	73. 8. 6	3	5.075	4.02	
	73. 8.25	3	5.054	6.38	
	75. 8.25	3	5.121	5.45	
9596	9.0		2.4696 +0.0011	+ 5.367 +0.345	25°3725
	74. 7.29	3	19 2 5.709	25 4 21.82	
	74. 8.20	3	5.715	22.99	
	75. 8.31	3	5.835	23.17	
	75. 9. 6	3	5.676	22.01	
	75. 9. 9	3	5.694	22.62	
	76. 8. 9	3	5.615	22.40	
	82. 9.22	2	5.689	22.44	
	82. 9.25	3	5.635	23.11	
9597	9.3		2.4502 +0.0011	+ 5.380 +0.342	25°3726 A
	74. 9.14	2	19 2 14.704	25 46 36.28	
	90. 9.12	7	14.849	35.85	
9598	8.7		2.4502 +0.0011	+ 5.381 +0.342	25°3726 B
	74. 7.24	3	19 2 15.746	25 46 42.74	
	74. 9.14	3	15.674	44.64	
	75. 9. 6	2	15.627	43.94	
	75. 9.16	3	15.741	43.46	
	88. 9.17	7	15.634	44.45	
	90. 9.11	5	15.650	43.42	W.4 5.6 + 1^{s}
9599	9.5		2.3859 +0.0012	+ 5.383 +0.333	— —
	73. 8.15	3	19 2 17.039	28 3 19.91	†
9600	9.1		2.4708 +0.0011	+ 5.385 +0.345	25°3727
	75. 9. 9	3	19 2 18.543	25 2 4.31	
	84. 9. 2	5	18.475	4.09	
	84. 9. 5	5	18.581	4.37	
9601	9.5		2.4273 +0.0011	+ 5.387 +0.339	26°3456
	72. 8.23	3	19 2 19.595	26 36 4.37	†
9602	9.2		2.4566 +0.0011	+ 5.389 +0.343	25°3728
	84. 9 10	5	19 2 21.232	25 33 13.58	
	84. 9.11	5	21.231	12.68	
	84. 9.12	5	21.219	12.76	
9603	9.3		2.4589 +0.0011	+ 5.392 +0.343	25°3729
	85. 9. 9	7	19 2 22.893	25 28 13.45	
	85. 9.11	5	22.951	13.47	
9604	9.0		2.3767 +0.0012	+ 5.392 +0.331	28°3201
	72. 8.15	3	19 2 23.421	28 22 29.56	
	76. 8.16	3	23.344	31.52	
	78. 8.19	3	23.372	29.16	
	78. 9.11	3	23.324	31.24	
	79. 9. 3	3	23.380	29.91	
9605	9.0		2.3949 +0.0012	+ 5.412 +0.334	27°3253
	72. 8 12	3	19 2 37.427	27 45 3.82	+ 1^{m}
	72. 8.19	3	37.176	1.85	
	74. 8.25	3	37.299	2.54	
9606	$9^{m}.0$		$2^{s}.3756$ $+0^{s}.0012$	$+\ 5''.413$ $+0''.331$	28°3202
	78. 9. 3	3	$19^{h}\ 2^{m}\ 38^{s}.156$	$28^{\circ}\ 25'\ 2''.02$	
9607	7.6		2.3274 +0.0013	+ 5.416 +0.325	30°3425
	73. 8. 7	3	19 2 40.226	30 3 19.77	
	73. 8.22	3	40.268	21.32	
	73. 8.30	3	40.283	19.48	
	75. 7.24	3	40.240	19.99	
9608	9.0		2.4652 +0.0011	+ 5.427 +0.344	25°3730
	73. 8. 9	3	19 2 48.479	25 15 2.64	
	73. 8.21	3	48.401	2.37	
	76. 8. 9	3	48.540	1.24	
	84. 9.18	7	48.445	2.15	
	84. 9.20	3	48.408	1.46	
9609	9.2		2.4746 +0.0011	+ 5.434 +0.345	24°3652
	84. 9.22	7	19 2 53.408	24 54 41.54	
	84. 9.25	7	53.548	39.43	
	85. 9. 3	7	53.338	41.31	
9610	9.0		2.4658 +0 0011	+ 5.434 +0.344	25°3732
	73. 8. 5	3	19 2 53.386	25 14 3.01	
	73. 8. 9	2	53.440	3.49	
	73. 8.21	1	53.551	4.47	
	83. 9. 5	7	53.574	3.41	
	84. 8.21	5	53.376	3.53	
	84. 8.22	7	53.365	3.65	
9611	7.7		2.4497 +0.0011	+ 5.437 +0.342	25°3733
	74. 7.29	3	19 2 55.600	25 48 57.14	
	75. 9. 6	1	55.653	58.24	
	75. 9.16	2	55.388	56.04	
	76. 9.23	3	55.476	58.30	
	78. 9.26	3	55.520	58.25	
	79. 8. 6	2	55.520	58.13	
	79. 8.25	3	55.599	57.75	
	79. 9. 8	3	55.341	57.95	
	80. 8.23	3	55.610	57.53	
	83. 8.28	7	55.545	58.57	
	86. 9.11	7	55.521	57.65	
9612	9.0		2.3513 +0.0012	+ 5.438 +0.328	29°3482
	72. 8.28	3	19 2 56.230	29 15 30.14	
	73. 9.20	3	56.186	30.80	
	76. 8.17	3	56.157	29.72	
	88. 8.22	7	56.116	30.04	
9613	8.8		2.3827 +0 0012	+ 5.442 +0.332	28°3204
	72. 7.15	3	19 2 58.776	28 11 15.22	
	72. 8.20	3	58.721	17.47	
	75. 9.15	2	58.620	16.31	
	76. 8.16	3	58.602	16.44	
	87. 9.28	5	58.728	14.95	
9614	8.8		2.4493 +0.0011	+ 5.443 +0.342	25°3734
	76 9 23	1	19 2 59.347	25 49 61.30	Z.C. $\delta\ 1''.0$
	78. 9.26	3	59.392	61.85	
	79 8. 6	3	59.302	60.71	+ 1^{s}
	79. 8 25	3	59.321	59.75	
	79. 9. 8	3	59.363	61.48	
	81. 8.10	2	59.525	60.53	
	87. 9.22	5	59.354	61.38	

9615 8^{m}3 2^{s}3411 +0^{s}0012 + 5″445 +0″327 29°3483

73	8.22	2	19^{h} 3^{m} 1^{s}223	29° 36′ 14″46	§c.d.m.
74.	8. 3	3	0.996	16.56	c.d.p.
74.	8. 3	1	0.936	15.60	c.d.p.
74.	8. 6	3	0.993	15.85	c.d.p.
75.	7.24	3	1.168	16.75	c.d.p.
75.	8.30	3	1.239	14.82	§

9616 9.0 2.3354 +0.0012 + 5.447 +0.326 29°3484

74.	8.19	3	19 3 2.116	29 47 47.31	
74	9.12	3	2.154	47.35	

9617 9.1 2.3502 +0.0012 + 5.455 +0.328 29°3485

74.	8.22	3	19 3 7.769	29 18 18.79	
90.	8.30	7	7.948	19.15	

9618 7.5 2.4674 +0.0011 + 5.455 +0.344 25°3735

74.	8.20	3	19 3 7.799	25 10 50.10	Z.C.δ 50″3
74.	9 14	1	7.964	50.85	
75.	8.31	3	7.862	49.72	
83.	9. 3	7	7.863	50.37	

9619 8.6 2.4524 +0.0011 + 5.459 +0.342 25°3736

74.	7.24	3	19 3 10.797	25 43 33.82	
87.	9. 8	5	10.791	35.65	

9620 8.0 2.4197 +0.0011 + 5 463 +0.337 26°3458

73.	8.14	3	19 3 13.731	26 53 51.28	
73.	9.16	3	13.838	50.85	
75.	8.25	3	13.532	51.38	
76.	8.11	3	13.763	49.33	

9621 9.0 2.3827 +0.0012 + 5.464 +0.332 28°3207

73.	8.15	3	19 3 14.139	28 11 40.45	
92	8.26	6	14.379	38.73	

9622 9.2 2.3517 +0.0012 + 5.480 +0.328 29°3486

90.	9.20	7	19 3 25.728	29 15 38.55	†

9623 8.9 2.3621 +0.0012 + 5.486 +0.329 28°3208

73.	8 15	2	19 3 30.560	28 54 42.17	
74.	8.11	3	30.383	42.58	
78.	8 19	3	30.512	42.47	
79.	8.28	3	30.320	42.63	
88.	9. 6	5	30.464	42.83	

9624 8.9 2.4170 +0.0011 + 5 490 +0.336 26°3460

72.	8.27	3	19 3 33.176	26 59 53.55	
73.	8. 6	3	32.957	52.75	
73.	8.25	3	33.047	53.82	
75:	8. 4	3	32.961	54.52	
77.	8.30	3	33.128	54.59	

9625 8.5 2 3827 +0.0012 + 5.510 +0.331 28°3210

72.	7.15	2	19 3 47.785	28 12 36.48	−1^{s}
72.	8.15	3	47.605	36.83	
73.	9. 1	3	47.692	37.29	
75.	8. 2	3	47.629	36.85	
78.	8.19	2	47.579	38.11	
78.	9. 3	3	47.646	37.19	
88.	9.14	7	47.669	37.31	
88.	9.19	7	47.748	37.87	

9626 8^{m}7 2^{s}3550 +0^{s}0012 + 5″519 +0″327 29°3488

73.	8. 7	3	19^{h} 3^{m}53^{s}947	29° 9′ 53″76	
74.	9. 4	3	54.055	53.08	
76.	8.17	3	54.030	53.41	
78.	9. 2	3	53.993	54.36	

9627 9.0 2.3723 +0.0012 + 5.525 +0.330 28°3211

74	8.21	3	19 3 58.039	28 34 32.24	−5′
74	9.24	3	58.108	30.34	Z.C.δ 31″4
77.	9. 8	3	58.173	31.96	
85.	9. 1	7	58.104	30.45	
87.	9. 2	5	58.151	31.85	+1^{s}

9628 8.6 2.3346 +0.0012 + 5.529 +0.325 29°3489

73.	9 20	3	19 4 0.715	29 51 7.25	
74.	8.19	3	0.613	6.94	
78.	9. 2	3	0.649	6.77	
78.	9.11	3	0.589	8.34	
82.	9.25	3	0.674	7.25	
84.	9.10	3	0.653	6.77	

9629 7.0 2.3272 +0.0012 + 5.529 +0.324 30°3438

74.	8.22	3	19 4 0.919	30 6 7.49	
74.	9.12	3	0.995	7.75	
75.	7.24	1	0.820	6.57	
75.	8.30	2	0.891	6.57	

9630 8.9 2.4048 +0.0011 + 5.530 +0.334 27°3257

72.	7.20	3	19 4 1.831	27 26 42.17	
72.	7.22	3	1.604	43.94	
72.	8.19	3	1.729	42.29	
75.	9. 3	3	1.873	43.74	
76.	8.14	2	1.647	43.13	

9631 7.8 2.4697 +0.0011 + 5.533 +0.344 25°3737

73.	8. 5	3	19 4 3.392	25 7 16.80	
74.	7.29	1	3.497	17.13	
75.	9. 9	3	3.245	16.12	
76.	8. 9	3	3.430	15.91	
80.	8.23	3	3.466	16.29	
88.	8.29	5	3.327	15.49	

9632 8.6 2.3376 +0.0012 + 5.534 +0.325 29°3490

72.	8 28	3	19 4 4.226	29 45 16.69	clds.
73.	8.30	1	4.127	17.10	
78.	9.23	3	4 396	18.50	

9633 8.4 2.3390 +0.0012 + 5.540 +0.325 29°3492

74.	8. 6	3	19 4 8.398	29 42 44.07	
74.	9. 4	3	8.474	43.43	
78.	9.23	3	8.569	43.96	
88.	8.25	5	8.591	44.04	

9634 8.7 2.4250 +0.0011 + 5.542 +0 337 26°3462

72.	8.26	3	19 4 10.752	26 44 8.60	
72.	8.27	3	10.598	8.73	
73.	8.25	3	10.350	8.60	
74.	8.28	3	10.275	7.47	
75.	8. 4	3	10.419	9.52	
76.	8.11	3	10.414	6.59	
76.	8.22	3	10.546	6.50	v. ft.
77.	9. 4	3	10.414	8.67	
78.	9.18	3	10.454	7.44	

9635	$9^m.3$	$2^s.3514$ $+0^s.0012$	$+ 5''.543$ $+0''.327$	29°3493
77. 9. 5	1	$19^h\ 4^m\ 10^s.633$	29° 17′ 49″.89	Z.C. δ 48″.9
78. 9.11	2	11.096	48.20	
80. 8.28	3	10.674	48.61	
9636	9.3	2.3506 +0.0012	+ 5.546 +0.327	29°3494
80. 8.28	2	19 4 12.948	29 19 16.86	†
9637	9.3	2.4312 +0.0011	+ 5.548 +0.338	26°3463
77. 8.17	3	19 4 14.394	26 31 0.87	† Z.C. δ 0″.9
9638	9.0	2.4414 +0.0011	+ 5.554 +0.339	26°3464
72. 8.23	1	19 4 18.530	26 9 14.97	
72. 8.26	1	18.639	16.76	
73. 8.14	3	18.200	17.08	
75. 8.25	2	18.170	17.19	
9639	9.5	2.4205 +0.0011	+ 5.557 +0.336	— —
72. 8.23	3	19 4 20.919	26 54 2.22	†
9640	9.3	2.3685 +0.0012	+ 5.559 +0.329	28°3215
73. 9. 1	2	19 4 22.435	28 43 8.16	
74. 8.11	3	22.326	8.27	
79. 9. 3	3	22.301	8.07	
88. 9.17	5	22.302	8.50	
9641	9.2	2.3725 +0.0012	+ 5.568 +0.330	28°3216
84. 9.11	5	19 4 28.625	28 34 52.14	
84. 9.12	5	28.556	51.62	
84. 9.20	5	28.520	50.94	
9642	9.0	2.4652 +0.0011	+ 5.577 +0.343	25°3739
73. 8.21	3	19 4 35.274	25 18 5.63	
90. 8.29	7	35.619	5.70	
90. 9. 5	7	35.333	5.94	
9643	8.3	2.3559 +0.0012	+ 5.582 +0.327	29°3496
72. 8.28	2	19 4 38.638	29 9 25.96	
73. 8. 7	3	38.568	26.66	
73. 9.20	1	38.596	24.99	
74. 9.12	3	38.538	24.01	
88. 9.21	5	38.617	26.16	
9644	9.2	2.3347 +0.0012	+ 5.584 +0.324	29°3497
84. 9. 5	7	19 4 40.404	29 52 29.59	†
9645	8.7	2.4739 +0.0011	+ 5.589 +0.344	24°3659
75. 8.31	3	19 4 43.312	24 59 4.27	
78. 9.26	3	43.414	3.97	
79. 9. 8	3	43.307	4.49	
80. 8.24	3	43.417	2.58	
80. 8.24	2	43.427	3.45	
88. 9.20	5	43.477	4.18	
9646	9.2	2.3265 +0.0012	+ 5.589 +0.323	30°3444
88. 9.22	7	19 4 43.700	30 8 52.20	
92. 9. 5	7	43.597	51.69	
9647	9.0	2.4538 +0.0011	+ 5.595 +0.341	25°3740
74. 8.20	3	19 4 47.745	25 43 4.16	
75. 8.31	2	47.791	4.58	
75. 9. 6	3	47.724	4.14	
75. 9.18	3	47.724	3.70	
76. 9.23	2	47.740	3.79	
79. 8.25	2	47.754	3.74	− 1′
79. 9.27	3	47.784	4.86	
80. 8.23	3	47.733	4.07	
88. 9.26	7	47.723	5.21	

9648	$9^m.0$	$2^s.3989$ $+0^s.0012$	$+ 5''.604$ $+0''.333$	27°3260
72. 8.12	3	$19^h\ 4^m\ 54^s.341$	27° 40′ 44″.27	
73. 9. 4	3	54.265	44.54	
74. 9. 2	3	54.203	43.35	
75. 8.27	3	54.219	44.63	
76. 8.14	3	54.193	43.48	
78. 9.19	3	54.201	45.51	
9649	9.0	2.3811 +0.0012	+ 5.610 +0.331	28°3219
72. 8.15	3	19 4 59.117	28 18 6.09	
72. 8.20	3	59.089	5.74	
74. 8.21	3	58.723	7.04	
75. 9.15	3	58.902	6.69	
76. 8.16	3	58.879	7.12	
9650	8.9	2.4501 +0.0011	+ 5.622 +0.341	25°3741
73. 8. 9	3	19 5 7.114	25 51 45.74	
74. 9.14	3	7.175	45.84	
76. 9. 8	1	7.570	45.60	clds.
87. 9.28	5	7.591	45.53	
9651	8.8	2.4657 +0.0010	+ 5.630 +0.343	25°3742
73. 8 5	3	19 5 13.160	25 18 5.30	
74. 7.24	3	12.999	4.65	
75. 9. 6	3	13.106	5.28	
78. 9.26	1	13.047	6.09	
79. 8. 6	2	13.192	5.74	
88. 9. 6	5	13.168	5.68	
9652	8.8	2.3854 +0.0012	+ 5.641 +0.331	28°3222
73. 8.15	2	19 5 20.659	28 9 50.38	
95. 8.13	7	20.777	51.42	
95. 8.19	5	20.653	51.76	
9653	9.0	2.3864 +0.0012	+ 5.642 +0.331	28°3223
74. 9.24	2	19 5 21.916	28 7 48.13	
75. 8. 2	3	21.906	48.70	
75. 8.18	3	21.888	48.65	
77. 8.15	3	21.899	49.54	
9654	9 5	2.4631 +0.0010	+ 5.649 +0.342	25°3743 A
86. 8.31	7	19 5 26.621	25 24 6.42	d.s. †
9655	9.5	2.4630 +0.0010	+ 5.650 +0.342	25°3743 B
87. 8.31	7	19 5 26.986	25 24 20.46	†
9656	9.0	2.3274 +0.0012	+ 5.654 +0.323	30°3450
73. 8.30	1	19 5 30.441	30 8 35.36	clds.
90 9. 8	5	30.171	39.78	$+1^m$
9657	9.5	2.3533 +0.0012	+ 5.657 +0.327	29°3500
73. 8.22	3	19 5 32.156	29 16 22.36	
90. 9.11	7	32.419	22.36	
9658	9.3	2.3268 +0.0012	+ 5.658 +0.323	30°3451
74. 8. 3	3	19 5 33.079	30 9 56.21	+ 5′
74. 8.19	2	32.902	55.67	Z.C. α $33^s.00$
74. 8.22	3	33.114	54.54	
76. 8.17	3	32.914	54.84	

9659 8^m9	2^s3863 $+0^s0012$	$+\,5''665$ $+0''331$		28°3225
72. 7 15	2	$19^h\,5^m38^s165$	28° 8′ 33″77	
73. 8.15	3	38.019	32.57	
73. 9. 1	3	37.931	32.26	
74. 9.24	2	38.006	31 88	
75. 8.18	3	37.945	33.01	
78. 9. 6	3	38.104	31.54	
78. 9 6	2	38.034	31.81	
82. 9.22	3	38.076	31.76	
87. 9.22	5	38.289	32.83	
9660 9.4	2.3677 +0.0012	+ 5.672 +0.329		28°3226
80. 9. 3	3	19 5 42.970	28 47 9.34	†
9661 9.5	2.4592 +0.0011	+ 5.675 +0.341		25°3744
85. 9. 4	3	19 5 44.885	25 32 58.43	
85. 9. 9	5	45.129	58.15	
9662 8.3	2.4694 +0.0010	+ 5.686 +0 342		25°3745
74. 7.29	3	19 5 53.014	25 10 53.50	
74. 8.20	3	53.062	54.73	
75. 9. 9	3	53.137	54.14	
75. 9 18	3	53.100	53.34	
76. 8. 9	3	53.098	53.52	
9663 9.3	2.4140 +0.0011	+ 5.689 +0.335		27°3267
72. 7.20	3	19 5 55.017	27 10 40.98	
72. 7.22	3	55.201	43.00	
72. 8.19	3	54.999	41.59	
82. 9.23	2	55.548	42.68	
9664 9.3	2.3377 +0.0012	+ 5.690 +0.325		29°3502
73. 8. 7	3	19 5 55.568	29 48 34.12	
74. 8. 6	3	55.544	34.37	
74. 9.12	3	55.643	33.74	
75. 7.24	3	55.577	34.79	
78. 9. 2	3	55.810	35.14	
78. 9.12	3	55.677	34.16	
9665 9.3	2.3979 +0.0012	+ 5.701 +0.333		27°3270
72. 8.12	3	19 6 3.625	27 44 52.35	
73 9. 4	3	3.718	51.91	+5′
74. 8.25	3	3.429	51.30	
75. 8.27	3	3.717	51.72	
75. 9. 3	3	3.629	51.54	
79. 8.28	3	3.733	50.68	
9666 8.6	2.3832 +0.0012	+ 5.703 +0.331		28°3227
72. 8.15	3	19 6 5.349	28 15 47.99	
72. 8.20	3	5.341	47.46	
76. 8.16	3	5.304	48.71	
88. 8.22	3	5.505	49.74	
9667 8.6	2.4758 +0.0010	+ 5.706 +0.343		24°3668
73. 8. 9	3	19. 6 7.341	24 57 14.97	
73. 8.21	3	7.280	14.95	
74. 7.24	3	7.187	13.32	
88. 8.29	7	7.335	13.45	
9668 9.4	2.3621 +0.0012	+ 5.714 +0.328		28°3228
75. 9.15	3	19 6 12.880	28 59 28.90	†
9669 9.0	2.3409 +0.0012	+ 5.714 +0.325		— —
74. 9. 4	3	19 6 13.257	29 42 41.61	†

9670 9^m0	2^s4206 $+0^s0011$	$+\,5''716$ $+0''336$		26°3470
80. 9. 8	3	$19^h\,6^m14^s518$	26° 57′ 13″00	
80. 9. 8	2	14.258	14.50	
9671 9.5	2.3624 +0.0012	+ 5.718 +0.328		28°3229
88. 9.21	5	19 6 15.994	28 59 14.84	†
95. 8.14	7	15.753	12.91	
95. 8.17	7	15.660	14.40	
9672 9.5	2.3636 +0.0012	+ 5.720 +0.328		28°3230
74. 8.11	3	19 6 16.988	28 56 36.59	
74. 8.21	2	17.225	35.47	
9673 9.1	2.4226 +0.0011	+ 5.720 +0.336		26°3471
72. 8.27	3	19 6 17.321	26 53 6.27	Z.C. δ $5''8$
73. 8. 6	3	17.382	4.80	c. d. l.
74. 8 28	3	17.277	5.69	
75. 8.25	3	17.452	5.47	d.s.f.
77. 8.30	3	17.487	6.45	
77. 9. 4	3	17.343	6.24	
9674 9.5	2.3632 +0.0012	+ 5.721 +0.328		28°3231
74. 8.11	2	19 6 17.917	28 57 32.35	
74. 8.21	3	17.955	31.72	
9675 8.3	2.4420 +0.0011	+ 5.723 +0.339		26°3472
73. 8.14	3	19 6 19.775	26 11 27.23	
76. 8.11	3	19.685	25.17	
9676 8.5	2.4298 +0.0011	+ 5.724 +0.337		26°3473
73. 8.25	3	19 6 20.399	26 37 53.21	
73. 9.16	2	20.539	52.64	
76. 8.22	3	20.433	54.46	ft.
88. 9.14	7	20.359	53.37	
88. 9.19	7	20.436	52.68	
9677 9.4	2.3342 +0.0012	+ 5.729 +0.324		29°3504
73. 8.22	3	19 6 23.426	29 56 43.46	− 1 int.
73. 9.20	3	23.473	41.79	
74. 8.22	3	23.467	42.50	
87. 9. 2	7	23.629	43.26	
9678 7.4	2.4327 +0.0011	+ 5.733 +0.338		26°3474
73. 9.16	2	19 6 26.463	26 31 50.06	
75. 8. 4	3	26.605	50.10	
77. 8.17	3	26.552	49.96	-10^s
87. 9. 7	7	26.541	50.20	
9679 9.4	2.3353 +0.0012	+ 5.735 +0.324		29°3505
73. 8.22	2	19 6 27.989	29 54 40.38	
77. 9. 5	3	28.095	40.92	
78. 8.19	3	28.010	40.15	
88. 8.25	7	28.058	39.32	
90. 9.13	7	28.114	39.46	
9680 9.0	2.4154 +0.0011	+ 5.737 +0.335		27°3274
72. 7.20	3	19 6 29.401	27 8 47.26	
72. 8.19	3	29.381	48.44	
73. 9. 4	3	29.376	47.98	
76. 8.14	3	29.485	48.12	
78. 9.19	3	29.296	48.14	

9681 $7^m.7$ $2^s.4454$ $+0^s.0011$ $+$ $5''.741$ $+0''.339$ 26°3476

74. 8.28	2	$19^h\ 6^m\ 31^s.881$	26° 4′ 19″.65	
76. 8.22	2	32.157	17.57	
88. 9.17	7	32.001	19.80	

9682 9.0 2.4421 +0.0011 + 5.741 +0.339 26°3475

73. 8.14	3	19 6 31.995	26 11 28.42	
76. 8.11	3	32.103	27.11	
78. 9.18	3	32.072	28.10	

9683 9.2 2.4725 +0.0010 + 5.741 +0.343 25°3747

81. 9.23	3	19 6 32.111	25 5 23.84	
81. 9.26	3	32.167	24.16	
82.10. 2	3	32.171	23.60	

9684 9.4 2.4751 +0.0010 + 5.744 +0.343 24°3670

73. 8. 5	3	19 6 34.266	24 59 34.92	
74. 9.14	3	34.319	34.87	
75. 8.31	3	34.445	34.65	
75. 9. 6	3	34.324	34.43	
75. 9.16	3	34.234	35.46	

9685 9.1 2.4083 +0.0011 + 5.749 +0.334 27°3275

82. 9.25	3	19 6 38.278	27 24 1.53	†

9686 8.1 2.3422 +0.0012 + 5.750 +0.325 29°3506

74 8. 3	3	19 6 38.461	29 41 1.22	
74. 8.22	1	38.193	1.07	
75. 8.30	3	38.455	1.02	
90. 9.12	7	38.426	0.03	

9687 6.9 2.4464 +0.0011 + 5.751 +0.339 26°3477

72. 8.26	1	19 6 39.264	26 2 33.49	Z.C. δ 32″.6
76. 9.23	3	39.225	31.80	+ 1 int.
77. 8.30	3	39.130	33.12	s.p. of 2
77. 9. 4	3	39 304	32.28	s.p. of 2
88. 9.20	7	39.166	32.19	d.l.

9688 9.2 2.3988 +0 0012 + 5.763 +0.332 27°3277

82. 9.22	3	19 6 48.402	27 44 28.23	†

9689 9.1 2.4080 +0.0011 + 5.770 +0.333 27°3278

82.10. 2	2	19 6 52.933	27 25 6.96	
84. 9. 5	7	52.823	6.91	
84. 9.10	5	52.606	6.90	
84. 9.11	7	52.585	6.71	
84. 9.12	5	52.826	6.34	
84. 9.20	7	52.808	3.27	

9690 9.2 2.3338 +0.0012 + 5.774 +0.323 29°3509

77. 9. 5	3	19 6 55.749	29 58 22.57	Z.C. δ 22″.6
87. 9.28	5	56.013	22.07	
95. 8.21	7	55.729	23.74	
95. 8.28	7	55.784	22.00	

9691 9.1 2.4456 +0.0011 + 5.778 +0.339 26°3478

73 9.16	1	19 6 58.742	26 4 50.24	
74. 8.28	1	58.460	50.25	
75. 8.25	3	58.658	50.34	
77. 8.17	3	58.689	50.22	
78. 9.18	3	58.669	49.89	
87. 9. 8	5	58.630	49.21	

9692 $9^m.2$ $2^s.3924$ $+0^s.0012$ $+$ $5''.784$ $+0''.331$ 27°3280

85. 9. 1	7	$19^h\ 7^m\ 3^s.313$	27° 58′ 10″.52	
85. 9. 3	7	3.213	11.30	
85. 9.17	7	3.409	11.63	v. ft.
85. 9.18	7	3.305	10.93	

9693 9.5 2.3835 +0.0012 + 5.786 +0.330 — —

73. 8.15	3	19 7 4.870	28 17 2.66	†

9694 8.7 2.4418 +0.0011 + 5.789 +0.338 26°3479

72. 8.27	3	19 7 6 675	26 13 11.24	
73. 8.25	3	6.649	13.24	
75. 8. 4	2	6.690	12.56	
90. 9.20	5	6.552	11.25	

9695 8.8 2.3480 +0.0012 + 5.795 +0.325 29°3511

72. 8.28	3	19 7 11.173	29 30 13.60	
73. 9.20	2	11.131	13.75	
75. 7.24	1	11.156	15.74	
75. 8.30	3	11.193	13.70	v. ſt.
79. 9. 3	3	11.158	14.20	

9696 8.8 2.4607 +0.0011 + 5.804 +0.341 25°3748

73. 8. 5	3	19 7 17.207	25 32 28.25	
73. 8. 9	2	17.229	30.88	
75. 8.31	3	17.202	28.34	
75. 9. 6	2	17.222	27.76	
75. 9. 9	3	17.118	28.19	
75. 9.16	3	16.973	29.27	
76. 8. 9	2	17.148	27.92	
76. 9. 8	3	17.274	28.97	

9697 9.3 2.4637 +0.0010 + 5.809 +0.341 25°3749

82. 9.25	2	19 7 21.193	25 25 57.23	
85. 9. 4	4	21.078	56.76	
85. 9. 9	5	21.032	56.99	
85. 9.11	7	21.038	56.30	

9698 9.0 2.3342 +0.0012 + 5.824 +0.323 29°3513

73. 8. 7	3	19 7 31.837	29 58 45.73	
73. 8.30	2	31.996	45.59	
74. 9. 4	3	31.758	46.26	
76. 8.17	3	31.819	46.41	
87. 9.22	5	32.113	46.63	

9699 7.7 2.3295 +0.0012 + 5.825 +0.322 30°3464

74. 8.19	3	19 7 32.239	30 8 18.69	d.s.f.
78. 8.19	3	32.326	19.64	d.s.f.
78. 9. 2	3	32.351	19.36	d.s.f.
88. 9.22	7	32.276	20.31	s.f.

9700 9.1 2.4421 +0.0011 + 5.825 +0.338 26°3483

75. 8. 4	3	19 7 32.908	26 13 30.99	
76. 9.23	1	32.558	29.05	
90. 8.30	5	32.791	29.41	

9701 8.2 2.3397 +0.0012 + 5.827 +0.324 29°3514

74. 8. 3	3	19 7 34.268	29 47 52.33	
74. 9.12	3	34 338	51.66	
78. 9. 3	3	34.332	53.94	
78. 9.11	3	34.372	53.48	
78. 9.12	3	34.520	53.00	
78. 9.20	3	34.338	53.49	
78. 9.23	3	34.385	53 59	
88. 9.26	5	34.425	51.65	

9702 9$^{\mathrm{m}}$.5 2$^{\mathrm{s}}$.3706 +0$^{\mathrm{s}}$.0012 + 5″.829 +0″.328 — —
80. 8.31 3 19$^{\mathrm{h}}$ 7$^{\mathrm{m}}$ 35$^{\mathrm{s}}$.482 28° 44′ 41″.03 †

9703 8.9 2.4083 +0.0011 + 5.833 +0.333 27°3285
72. 7.22 3 19 7 38.472 27 25 55.75
74. 8.25 3 38.581 56.17
74. 9. 2 3 38.494 54.52
75. 8.16 3 38.403 55.72
75. 9. 3 3 38.546 56.28
76. 8.14 3 38.663 54.26

9704 9.1 2.4044 +0.0011 + 5.837 +0.333 27°3286
84. 8.21 7 19 7 41.415 27 34 21.17
84. 8.22 7 41.420 23.28
84. 9.22 7 41.321 21.06

9705 9.1 2.3809 +0.0011 + 5.845 +0.329 28°3236
72. 8.14 3 19 7 46.992 28 23 43.67
72. 8.15 3 46.966 43.69
72. 8.20 3 47.108 43.36
75. 8.18 3 46.922 44.68
76. 8.16 3 47.101 44.76
79. 9. 3 3 47.047 44.13

9706 9.2 2.3531 +0.0012 + 5.847 +0.326 29°3515
81. 9.26 1 19 7 48.462 29 21 1.19 † Z.C.δ 1″.2

9707 8.6 2.4070 +0.0011 + 5.851 +0.333 27°3287
72. 8.12 3 19 7 51.237 27 29 13.80
78. 9.19 3 50.964 13.32
95. 8.23 7 51.072 14.23

9708 8.4 2.4365 +0.0011 + 5.852 +0.337 26°3485
72. 8.23 3 19 7 52.181 26 26 0.97
73. 8. 6 3 52.186 0.47
75. 8.25 3 51.989 0.33
76. 8.11 3 52.248 0.16

9709 9.0 2.3848 +0.0011 + 5.853 +0.330 28°3237
73. 8.15 3 19 7 53.016 28 15 52.20
73. 9. 1 3 53.099 52.66
75. 9.15 3 52.978 52.82
88. 9. 6 7 53.063 53.21

9710 9.2 2.3821 +0.0011 + 5.859 +0.330 28°3238
74. 8.21 3 19 7 56.804 28 21 35.32
74. 9.24 3 56.763 34.11
76. 8.16 3 56.930 35.46

9711 9.4 2.4220 +0.0011 + 5.863 +0.335 26°3487
80. 9. 8 3 19 7 59.595 26 57 28.14 †

9712 7.0 2.3629 +0.0012 + 5.864 +0.327 28°3240
73. 9. 1 3 19 8 0.741 29 1 13.58 Z.C.δ 13″.2
74. 9.24 2 0.745 12.49
77. 8.15 3 0.621 13.63

9713 9.0 2.3805 +0.0011 + 5.873 +0.329 28°3241
72. 7.15 3 19 8 7.037 28 25 9.93
86. 9. 7 7 7.037 10.92

9714 9.4 2.3796 +0.0011 + 5.875 +0.329 — —
81. 9.23 3 19 8 8.429 28 27 8.49
86. 8.31 7 8.337 8.93

9715 8$^{\mathrm{m}}$.1 2$^{\mathrm{s}}$.3392 +0$^{\mathrm{s}}$.0012 + 5″.883 +0″.324 29°3517
73. 9.20 3 19$^{\mathrm{h}}$ 8$^{\mathrm{m}}$ 14$^{\mathrm{s}}$.042 29° 50′ 5″.56 Z.C.α 13$^{\mathrm{s}}$.97
74. 8. 3 2 13.986 6.68 + 5′
74. 9. 4 3 13.888 6.10
78. 9.12 3 13.982 5.42

9716 9.0 2.4435 +0.0011 + 5.883 +0.338 26°3488
73. 8.25 3 19 8 14.148 26 11 37.10
77. 8.30 3 13.963 36.57
81.10. 5 3 14.089 36.28
90. 9. 8 7 14.032 36.56

9717 8.8 2.4082 +0.0011 + 5.886 +0.333 27°3290
72. 7.20 3 19 8 16.297 27 27 25.53
72. 8.19 3 16.454 25.06
73. 9. 4 3 16.447 24.32
74. 8.25 3 16.398 25.11
74. 9. 2 2 16.356 25.12
75. 8.27 3 16.486 26.19
75. 9. 3 3 16.497 26.63

9718 9.2 2.4752 +0.0010 + 5.902 +0.343 25°3754
75. 9.16 2 19 8 27.881 25 2 46.81
82. 9.23 3 28.077 47.55
82.10. 2 3 27.795 47.63

9719 8.4 2.3572 +0.0012 + 5.903 +0.326 29°3518
72. 8.28 2 19 8 28.944 29 13 46.45
73. 8. 7 3 28.711 47.05
73. 8.22 2 28.793 48.03
76. 8.17 2 28.703 46.06
78. 8.19 3 28.815 48.04

9720 9.5 2.3675 +0.0012 + 5.906 +0.328 28°3243
75. 9.15 3 19 8 30.564 28 52 50.09
92. 8.26 6 30.656 46.86
95. 8.20 7 30.641 48.07
95. 8.24 7 30.494 48.37

9721 9.1 2.3521 +0.0012 + 5.907 +0.325 29°3519
81. 9.23 1 19 8 31.135 29 24 28.43 Z.C.δ 29″.1
87. 8.31 7 31.385 29.81

9722 9.2 2.3711 +0.0012 + 5.908 +0.328 28°3244
80. 8.31 3 19 8 32.296 28 45 33.85
80. 9. 3 3 32.439 32.67
80. 9. 3 2 32.219 34.24

9723 9.0 2.4491 +0.0011 + 5.909 +0.339 25°3755
73. 8.21 3 19 8 32.961 26 0 8.83
74. 7.29 3 32.813 7.99
75. 9. 9 3 32.866 8.18
75. 9.18 3 33.009 7.48
76. 9. 8 3 32.965 8.68
88. 9.21 5 32.999 8.41

9724 9.5 2.4436 +0.0011 + 5.912 +0.338 — —
72. 8.27 2 19 8 35.393 26 12 8.95 †

9725 8.4 2.3676 +0.0012 + 5.914 +0.328 28°3245
73. 9. 1 1 19 8 36.916 28 52 44.44 §
74. 8.11 3 36.624 44.03
95. 8.13 4 36.735 44.65
95. 8.19 6 36.486 44.40

9726 $8^m.9$ $2^s.4159$ $+0^s.0011$ $+\ 5''.917$ $+0''.334$ 27°3298

72. 7.22	3	$19^h\ 8^m 38^s.684$	27° 11′ 44″.72	
75. 8 27	2	38.719	44.78	
76. 8.14	3	38.688	42.72	

9727 9.0 2.4426 +0.0011 + 5.925 +0 338 26°3490

73 8.14	3	19 8 44.659	26 14 39.84	
73. 8.25	3	44.784	38.91	
74 8.18	3	44.632	38.12	
74. 9. 9	2	44.714	37.98	
75. 8.25	2	44.733	38.38	
88 8.22	5	44.604	37.41	
88. 8.29	5	44.626	37.86	

9728 7.1 2.4618 +0.0010 + 5 927 +0.340 25°3757

73. 8. 5	3	19 8 45.735	25 32 44.27	
73. 8. 9	3	45.587	44 93	
74 9 14	3	45.582	44.23	
76. 8 9	3	45 702	43.49	

9729 9.5 2.3678 +0.0012 + 5.935 +0.328 28°3248

72. 8.15	3	19 8 51.413	28 52 42.74	
74. 8.11	3	51.225	43.88	
77. 8.15	3	51.146	44.82	w. 4.5 + 10^s
77. 9. 8	3	51.234	46.73	
78 8.26	3	51.322	46.67	

9730 9.1 2.3516 +0.0012 + 5.953 +0.325 29°3522

82. 9.23	3	19 9 4.534	29 26 33.87	
84. 9. 2	7	4.396	33.51	
84. 9. 5	7	4.546	34.09	

9731 8.9 2.4170 +0.0011 + 5.956 +0.334 27°3302

72. 8.12	3	19 9 6.253	27 10 5.88	
73. 9. 4	3	5.997	5.80	
74. 8.25	3	6.042	4.97	
75. 8.16	3	6.207	5.23	
75. 9. 3	3	6.128	5.46	
78. 8.26	1	6.240	6.67	
78. 9 6	3	6.143	4 78	
79. 8 28	3	6.160	4.87	

9732 9.1 2.4433 +0.0011 + 5.958 +0.338 26°3491

82. 9.25	3	19 9 7.882	26 13 34.31	
84. 9.10	7	8.065	36.60	d.s.f.
84. 9.12	5	8.035	35.82	d.s.f.

9733 9.2 2.4751 +0.0010 + 5.959 +0.342 25°3758

82. 9 22	2	19 9 8.747	25 4 9.93	†

9734 8.7 2.4272 +0.0011 + 5.961 +0.336 26°3492

73. 8. 6	3	19 9 10.155	26 48 28.32	
73. 9.16	3	10.384	29.20	
76. 8 11	3	10.179	27.20	
87. 9.28	5	10.395	28.04	

9735 8.6 2.3802 +0.0011 + 5.975 +0.329 28°3250

72. 8.14	3	19 9 20.446	28 28 11.62	
73. 8.15	3	20.418	12.18	
75. 9.15	2	20.456	11.86	
88. 8.25	7	20.423	11.99	

9736 9.5 2.3468 +0.0012 + 5.987 +0.324 — —

77. 9. 5	3	19 9 29.191	29 37 19.08	†Z.C. δ 19″.1

9737 $7^m.8$ $2^s.3315$ $+0^s.0012$ $+\ 5''.988$ $+0''.322$ 30°3479

74. 8. 3	3	$19^h\ 9^m 29^s.587$	30° 8′ 8″.70	
74. 8.19	3	29.435	8.49	
74. 8.22	3	29.496	8.12	
75. 8.30	3	29.499	7.60	clds.
92. 8.20	7	29.558	9.93	
92. 8.25	7	29.484	9.80	

9738 8.8 2.3453 +0.0012 + 5.994 +0.323 29°3524

73. 8.22	3	19 9 33.988	29 40 21.01	
73. 9.20	3	34.056	21.13	
74. 9.12	3	34.012	20.48	
77. 9. 5	2	34.055	22.89	+ 5′
78. 8.19	3	34.242	22.22	

9739 9.2 2.3903 +0.0011 + 5.995 +0.330 28°3252

76. 8.16	3	19 9 34.473	28 7 34.63	†

9740 8.8 2 3493 +0.0012 + 6.000 +0.324 29°3525

72. 8.28	2	19 9 38.225	29 32 31.32	
74. 9. 4	2	38.099	31.14	
78. 9 2	3	38 010	31.44	
78. 9.11	3	37.797	31.66	
78. 9.12	3	38.055	31.26	
88. 9.26	5	38.130	30.01	

9741 9.0 2.3608 +0.0012 + 6.001 +0.325 29°3526

73. 8.30	3	19 9 39.125	29 8 56.78	
78. 9. 2	2	39.187	56.47	
78. 9.20	3	39.035	57.30	
78. 9.23	3	39.235	58.06	

9742 8.5 2.3496 +0.0012 + 6.001 +0.324 29°3527

72. 8.28	2	19 9 39.267	29 31 45.72	
74. 9. 4	3	39.329	45.68	
75. 9.29	3	39.298	45.67	
87. 9.22	5	39.297	46.44	
88. 9.17	5	39.270	46.86	

9743 9.0 2.3744 +0.0012 + 6.002 +0.327 28°3253

72. 8.20	3	19 9 40.192	28 40 52.48	d.m.
73. 9. 1	2	40.095	53.81	m.
75. 8.18	3	39.859	53.95	§ c.d.p.
88. 9 20	5	39 743	53.89	§ p.

9744 9.0 2.4616 +0.0010 + 6.003 +0.340 25°3761

73 8.21	3	19 9 40.680	25 34 50.18	
73. 9.25	3	40.877	49.07	
74. 9.14	3	40.657	48.04	
76 9. 8	3	40.700	49.50	
78. 8.27	3	40.635	48.68	

9745 8.0 2.4359 +0.0011 + 6.006 +0.336 26°3496

72. 8.23	3	19 9 42.432	26 30 49.27	
72. 8.27	3	42.305	50.99	
74. 8.28	3	42.073	49.97	
74. 9. 9	3	42.147	49.67	
77. 8.30	3	42.266	50.09	

9746 9.0 2.4120 +0.0011 + 6.009 +0.332 27°3304

72. 8.19	3	19 9 44.969	27 21 59.27	
74. 9. 2	3	44.913	58.76	
75. 8 16	3	45.026	59.77	
76. 8.14	2	44.942	58.43	

9747 $9^{m}.4$ $2^{s}.4243$ $+0^{s}.0011$ $+\ 6''.011$ $+0''.334$ $26^{\circ}3497$

80.	9. 8	3	$19^{h}\ 9^{m}46^{s}.251$	$26^{\circ}\ 55'\ 45''.88$	†

9748 8.9 2.4768 +0.0010 + 6.021 +0.342 $25^{\circ}3762$

74	8.20	3	19 9 52.925	25 1 48.85	
74.	9.14	2	53.135	47.96	
75.	8.31	3	53.103	48.54	
75.	9. 6	3	52.971	48.02	
75.	9. 9	3	52.957	48.76	
75.	9.16	3	52.951	47.69	
75.	9.18	3	53.117	48.60	

9749 7.2 2.4016 +0.0011 + 6.028 +0.331 $27^{\circ}3307$

72.	7.22	3	19 9 58.506	27 44 39.43	
75.	9.20	3	58.484	40.47	
95.	8.21	6	58.443	39.96	
95.	8.23	2	58.718	39.50	

9750 7.9 2.3892 +0.0011 + 6 030 +0.329 $28^{\circ}3257$

74.	8.11	3	19 9 59.770	28 10 44.41	
74.	8 21	3	59.763	44.27	
74.	9.24	3	59.836	43.45	
79.	9. 3	3	59.778	44.42	

9751 8.0 2.3564 +0.0012 + 6.035 +0.325 $29^{\circ}3529$

73.	8. 7	3	19 10 3.245	29 18 38.39	
74.	9.12	3	3.266	37.80	
76.	8.17	3	3.112	38.04	
88.	9.22	5	3.226	39.19	

9752 9.1 2.4714 +0.0010 + 6.048 +0.341 $25^{\circ}3764$

73.	8. 5	3	19 10 12.342	25 14 14.29	
74.	8.20	2	12.451	14.24	
75.	9. 9	3	12.190	15.04	
75.	9.16	2	12.414	13.64	
75.	9.18	3	12.391	15.08	
76.	9. 8	3	12.474	13.50	

9753 9.0 2.4463 +0.0010 + 6.053 +0.337 $26^{\circ}3498$

73.	8. 6	3	19 10 16 380	26 9 24.25	Z.C.$\delta\,24''.5$
73.	8.14	3	16.272	24.52	
73.	8.25	3	16.355	25.51	
75.	8. 4	3	16.375	24.58	
75.	8.25	3	16.439	24.43	
77.	9. 4	3	16 423	23.83	

9754 9.2 2.4648 +0.0010 + 6.053 +0.340 $25^{\circ}3765$

81.	9.23	2	19 10 16.503	25 28 58.40	Z.C.$\delta\,58''.3$
81.	9.26	3	16.446	58.15	
82.	9.23	1	16.460	58.31	

9755 9.3 2.3738 +0.0012 + 6.059 +0.327 $28^{\circ}3258$

80.	8.31	3	19 10 20.475	28 43 30.87	
80.	8 31	2	20.585	31.55	

9756 8.9 2.4633 +0.0010 + 6.062 +0.340 $25^{\circ}3767$

73.	8. 9	3	19 10 22.947	25 32 21.35	
73.	8.21	2	23.012	22.38	
75.	8.31	3	23.040	21.10	
96.	8.22	3	22.901	18.02	§ clds.
96.	8.25	7	22.920	18.78	§
96.	8.26	7	22.838	19.97	§

9757 $9^{m}.5$ $2^{s}.4785$ $+0^{s}.0010$ $+\ 6''.067$ $+0''.342$ $24^{\circ}3695$

81.	9.14	3	$19^{h}10^{m}26^{s}.125$	$24^{\circ}\ 58'\ 57''.41$	
84.	9.22	6	25.915	57.31	

9758 8.9 2.4642 +0.0010 + 6.073 +0 340 $25^{\circ}3768$

73.	8. 9	2	19 10 30.636	25 30 39.80	
73.	8.21	2	30.520	39.02	
73.	9.25	1	30.587	37.40	
75.	8.31	1	30.438	38.28	
76.	8. 9	3	30.684	38.86	
81.	9.26	2	30.600	39.52	

9759 9.0 2.3522 +0.0012 + 6.076 +0.324 $29^{\circ}3532$

73.	8.30	1	19 10 32.757	29 28 17.24	clds.
75.	9.29	1	32.983	18.04	
78.	8.19	2	33.155	17.64	
88.	8.29	5	32.987	16.47	

9760 9.0 2.3405 +0.0012 + 6.077 +0.323 $29^{\circ}3533$

73.	9.20	3	19 10 33.462	29 52 4.48	Z.C.$\delta\,4''.9$
74.	8.19	3	33.268	4.53	
77.	9. 5	1	33.294	4.69	
88.	9 21	5	33.424	5.73	

9761 8.7 2.3970 +0.0011 + 6.078 +0.330 $27^{\circ}3308$

73.	9. 4	3	19 10 34.096	27 55 39.18	
74.	8.25	3	34.033	39.17	
75.	8.27	3	33.942	40.61	
78.	9.18	3	34.040	38.92	

9762 9.0 2.3604 +0.0012 + 6.089 +0.325 $29^{\circ}3534$

73.	8 22	3	19 10 41.942	29 11 46.40	d. l.
74.	8.22	3	41.883	45.08	
74	9. 4	2	41.961	44.70	l.
74	9.12	2	41 995	44.57	
78.	9. 2	1	41.894	44.55	c.d.l.
78.	9 3	3	42.001	45.48	
88.	8 22	5	41.877	44.75	l.

9763 8.0 2.3688 +0.0012 + 6.089 +0.326 $28^{\circ}3260$

72.	8.14	3	19 10 41.937	28 54 22.53	
72.	8.15	2	41.921	22.42	
73.	8.15	3	41.862	22.85	
75.	8.18	3	42 028	22.92	

9764 8.8 2.3734 +0.0012 + 6.089 +0.327 $28^{\circ}3261$

74	8.21	3	19 10 42.518	28 45 5.50	Z.C.$\delta\,5''.3$
75.	9.15	3	42.431	5.92	
77.	8.15	3	42.486	5.94	
80	9 3	3	42.517	4.37	
80	9. 3	2	42.497	4.90	

9765 8.7 2.3854 +0.0011 + 6.094 +0.329 $28^{\circ}3262$

74	9.24	3	19 10 46.044	28 20 18.19	
75.	10. 6	3	45.906	18.49	
77	9. 8	3	45.887	19.63	

9766 8.9 2.3728 +0.0012 + 6.099 +0.327 $28^{\circ}3263$

77.	8.15	2	19 10 48.998	28 46 29.32	† Z.C.$\delta\,29''.3$

9767 9.3 2.4029 +0.0011 + 6.101 +0.331 $27^{\circ}3311$

74.	9. 2	3	19 10 50.563	27 43 24.22	
90.	8.29	6	50.687	22.54	

9768	$9^{m}.3$		$2^{s}.4167$ +$0^{s}.0011$	+ 6".102 +0".333	— —
75. 9. 3		2	$19^{h}\,10^{m}\,51^{s}.121$	27° 14′ 10".72	†
9769	9.0		2.3817 +0.0011	+ 6.105 +0.328	28°3264
73. 9. 1		2	19 10 53.523	28 28 6.52	Z.C. δ 7".2
74. 9.24		1	53.509	6.87	
77 9. 8		2	53.527	8.29	
9770	7.0		2.4167 +0.0011	+ 6.107 +0.333	27°3313
72. 8.19		3	19 10 54.779	27 14 11.78	
75. 9. 3		3	54.741	12.11	
76. 8.14		2	54.772	12.05	
78 8.26		1	54.914	12.44	
9771	6.1		2.4036 +0.0011	+ 6.112 +0.331	27°3314
72 7.20		3	19 10 58.988	27 42 23.42	
72. 8.12		3	58.907	24.87	
75. 8.16		3	58.996	22.91	
78. 9. 6		3	58.856	23.53	
78. 9.18		3	58.914	23.52	
78. 9.19		3	58.973	23 75	
9772	9.2		2.4441 +0.0010	+ 6.116 +0.337	26°3503
82. 10. 2		3	19 11 1 354	26 15 29.16	
84. 9.11		7	1 364	28.18	
84. 9.12		5	1.394	28.19	
9773	7.4		2.4334 +0.0011	+ 6 120 +0.335	26°3504
73 8. 6		3	19 11 4.233	26 38 56.48	
73. 9 16		3	4 263	57.04	
74 8.28		3	4.137	57.26	
75. 8.25		1	4.352	57 78	
9774	8.8		2.4571 +0 0010	+ 6 125 +0.339	25°3770
74. 7.24		3	19 11 7.876	25 47 21.58	Z.C. δ 22".4
76. 9. 8		2	7.895	22.33	
76. 9.21		3	7.920	22.86	
76. 9.23		3	7.816	22.80	
77. 9 11		3	7.975	22.64	
9775	8.2		2.3937 +0.0011	+ 6.131 +0.330	28°3268
72. 8.20		3	19 11 12.383	28 3 35.11	
73. 8.15		2	12.308	36.82	
75. 8.18		3	12.589	37.21	
75. 10. 6		1	12.310	35.42	
76. 8.16		3	12.395	36.91	
9776	9.1		2.4723 +0.0010	+ 6.146 +0 341	25°3771
73. 8. 5		3	19 11 23.370	25 14 32.47	
75. 9. 6		3	23.260	33.39	+ 5′
75. 9.16		2	23.219	31.49	
75. 9.18		3	23.186	32 69	
76. 9.21		3	23.283	33.20	
77. 9.11		2	23.350	32.84	
87 9.28		5	23.383	32.32	
9777	9.0		2.4667 +0.0010	+ 6.151 +0.340	25°3772
73. 9.25		1	19 11 27.005	25 26 53.20	
76. 9 23		2	27.002	53.71	
78. 8.27		3	26.848	53.78	
79. 8. 6		3	26.961	53.28	
9778	$8^{m}.8$		$2^{s}.4441$ +$0^{s}.0010$	+ 6".153 +0".337	26°3506
72. 8.27		3	$19^{h}\,11^{m}\,28^{s}.503$	26° 16′ 11".71	
73. 8.14		3	28.524	11.96	
74. 8.18		3	28.266	11.28	
9779	9.3		2.3386 +0 0012	+ 6.157 +0.322	29°3537
73. 9 20		2	19 11 30.826	29 57 59 02	
74. 8. 3		3	30.711	59.72	
74. 8.22		3	30.725	58.91	
9780	9 5		2.4433 +0.0010	+ 6.157 +0.337	— —
73. 8.14		2	19 11 30.873	26 18 9.83	†
9781	8 8		2.4259 +0.0011	+ 6.168 +0.334	26°3507
73. 8.25		3	19 11 39.354	26 56 7.47	Z.C. δ 8".1
74. 7.27		3	39.248	9.20	
74. 9. 9		3	39 384	7.72	
77. 8.30		3	39.306	8.07	
77. 9. 4		3	39.490	8.18	
9782	9.5		2 3673 +0.0012	+ 6.183 +0.326	— —
73. 8.15		1	19 11 50.035	28 59 53.89	†
9783	9.0		2.4202 +0.0011	+ 6 188 +0.333	27°3321
72. 7.22		3	19 11 53.774	27 8 49.88	
72. 8 19		3	53.636	48.34	
74. 8.25		3	53.815	49.74	
75. 8 27		3	53.858	49.74	
78. 8.15		3	53.840	46.99	
79. 9. 4		3	53.807	49.55	
9784	8 7		2.4357 +0.0011	+ 6.193 +0 335	26°3509
72. 8.23		3	19 11 57.353	26 35 31.12	
72. 8.27		2	57.245	32.00	
73 8. 6		2	57.085	31.17	
73. 9.16		3	57.281	31.89	
75 8 4		3	57 105	33.51	
75 8 25		1	57.167	31.08	
9785	9.0		2.4538 +0 0010	+ 6.202 +0.338	25°3778
74. 8.20		3	19 12 3.784	25 56 27.01	
75. 9. 9		3	3.782	27.92	
75. 9 18		1	3.623	26.01	
76 8. 9		2	3.868	27.02	v. ft.
9786	8.1		2.3804 +0.0012	+ 6 223 +0.328	28°3275
72. 8.14		3	19 12 18.998	28 33 46.01	
72. 8.15		3	18.930	44.91	
72. 8.20		3	19.060	44.63	
73. 9. 1		3	19.114	45.83	
75. 9.15		3	18.993	45.80	
75. 10. 6		2	19.147	44.83	
76. 8.16		3	19.013	45.36	
9787	8 7		2.3500 +0 0012	+ 6.224 +0.324	29°3542
72. 8 28		1	19 12 19.636	29 36 34.57	
73. 8. 7		3	19.748	35.17	
73. 8.30		2	19.786	34.21	
74. 8.19		3	19.591	35.27	
75. 9.29		3	19.808	34.47	
78. 8 19		3	19.590	35.61	
78. 9 11		3	19.676	34.94	
78. 9.11		3	19.656	35.57	

9788 $7^{m}.8$ $2^{s}.4792$ $+0^{s}.0010$ + $6''.226$ $+0''.341$ 24°3706

74. 7.24	3	$19^{h}12^{m}20^{s}.846$	$25^{\circ}\ 0'\ 49''.36$	
74. 9.14	3	20.885	50.73	
75. 9.16	1	20.950	50.33	
81. 9.23	3	20.981	51.48	

9789 9.1 2.4414 +0.0010 + 6.233 +0.336 26°3511

73. 9.16	2	19 12 25.939	26 24 7.12	Z.C. δ $6''.9$
74. 8.28	3	25.748	6.90	
77. 8.17	3	25.882	7.26	
77. 9. 4	3	25.903	6.33	

9790 9.1 2.3435 +0.0012 + 6.238 +0.322 29°3543

82. 10. 2	3	19 12 29.583	29 50 11.46	† Z.C. δ $11''.5$

The difference between the 2 microscopes suggests that one was 10″ wrong: B has been altered 10″, diminishing the declination and giving better agreement with the revision observations.

9791 9.3 2.4416 +0.0010 + 6.238 +0.336 — —

77. 8 17	2	19 12 29.822	26 23 46.20	† Z.C. δ $46''.2$

9792 9.0 2.4049 +0.0011 + 6 240 +0 331 27°3324

73. 9. 4	3	19 12 30.972	27 42 36.62	
75. 8.16	3	30.762	35.88	− 1′
76. 8.14	3	30.885	35.95	

9793 9.3 2.3748 +0.0012 + 6.241 +0.326 28°3276

80. 9. 3	3	19 12 32.022	28 45 59.26	†

9794 8.7 2.4629 +0.0010 + 6.247 +0 339 25°3779

73. 8. 5	3	19 12 35.890	25 37 36.77	
74 9.14	3	36.006	35.68	
76. 9. 8	3	35.997	36.97	

9795 8.8 2.4069 +0.0011 + 6.248 +0.331 27°3326

75. 9.20	3	19 12 36.958	27 38 34.09	
88. 9.26	5	37.054	34.06	

9796 8.8 2.4265 +0.0011 + 6.251 +0.333 26°3513

72. 8.23	3	19 12 39.033	26 56 49.66	
73. 8.25	3	39.082	50.38	
74. 7.27	2	39.167	49.13	
74. 9. 9	3	38.959	48.95	

9797 8.0 2.4762 +0.0010 + 6.256 +0.341 25°3780

73. 8. 9	3	19 12 42.646	25 8 14.44	
75. 8.31	3	42.653	13.41	
75. 9. 6	3	42.750	13.51	+ 5′
76. 8. 9	1	42.724	13 22	
88. 8.22	5	42.927	17.16	§ w. 2 − 1^{s}
95. 8.21	5	42.853	20.18	§
95. 8.23	4	42.906	17.93	§

9798 9.0 2.4076 +0.0011 + 6.257 +0.331 27°3327

72. 8.12	3	19 12 43.284	27 37 22.86	
74. 8.25	3	43.125	20.92	
75. 9. 3	2	43.169	22.25	
75. 9.20	2	43.397	21.89	
78. 9.18	3	43.249	21.47	
81. 9.14	3	43.181	22.39	

9799 $9^{m}.0$ $2^{s}.3972$ $+0^{s}.0011$ + $6''.263$ $+0''.329$ 27°3328

72. 7.20	3	$19^{h}12^{m}47^{s}.557$	$27^{\circ}\ 59'\ 22''.12$	
74. 9. 2	3	47.652	22.15	
75. 8.16	1	47.474	23.01	

9800 9.2 2.4084 +0.0011 + 6.278 +0.331 27°3331

75 9.20	1	19 12 58.127	27 36 15.16	†

9801 9.5 2.3479 +0.0012 + 6.284 +0.322. — —

90. 9.12	5	19 13 2.482	29 42 8.20	†

9802 9.1 2.3445 +0.0012 + 6.289 +0.322 29°3546

81. 9.26	3	19 13 6 357	29 49 30.58	Z.C. δ $30''.8$
82 9.23	2	6.612	30.70	+ 1′
84. 8.23	7	6.430	30.81	
84. 8.29	7	6.301	30.56	
84. 9 10	7	6.265	31.51	

9803 8.8 2.4544 +0.0010 + 6.292 +0.337 25°3784

73. 8.21	3	19 13 8.407	25 57 8.28	
73. 9.25	3	8.401	6.84	
75. 8.31	2	8.293	7.60	
75. 9. 9	2	8.458	8.70	
79. 8. 6	3	8.435	7.23	− 1^{m}
88. 8 29	7	8.305	7.99	

9804 8.8 2.3523 +0.0012 + 6.292 +0.323 29°3548

73. 8.22	3	19 13 8.677	29 33 35.41	
74. 9. 4	2	8.757	34.37	
76. 8.17	3	8.621	35.45	

9805 9.0 2.4135 +0.0011 + 6.293 +0.331 27°3333

72. 7.22	3	19 13 9 071	27 25 34.71	
72. 8 19	3	8.911	32.19	
74. 9. 2	3	9.007	31.84	
75. 8.27	3	9.097	33.08	
78. 9. 6	3	8.884	31.48	− 10^{s}

9806 8.9 2.4550 +0.0010 + 6.299 +0.337 25°3785

73. 8.21	3	19 13 13.547	25 55 60.58	Z.C. δ $0''.1$
74. 8.20	3	13.430	59 92	
75. 9. 6	3	13.652	60.51	
76. 9.21	2	13.459	59.50	w. 5 + 6^{s}
77. 9.11	1	13.573	60.54	
78. 8.27	3	13.489	60.16	
79. 8. 6	2	13.553	59.52	

9807 7.3 2.4579 +0.0010 + 6.309 +0.338 25°3786

73. 8. 5	3	19 13 21.019	25 49 50.82	+ 5′
74. 7.24	3	20.716	48.00	
75. 9.18	3	20.916	51.08	
76. 9. 8	2	20.876	50.97	
76. 9.23	2	21.045	50.34	
87. 9.28	7	21.051	50.18	

9808 8.0 2.3477 +0.0012 + 6.327 +0.322 29°3550

73. 8. 7	3	19 13 33.600	29 43 49.34	
73. 8.30	1	33.646	48.03	
74: 8.22	3	33.615	49.31	
75. 8.30	3	33.709	48.60	
75. 9.29	3	33.520	48.09	
78. 9.23	3	33.636	50.93	

9809 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.3543$ $+0^{\mathrm{s}}.0012$ + $6''.328$ $+0''.323$ 29°3551

73. 9.20	3	$19^{\mathrm{h}}13^{\mathrm{m}}34^{\mathrm{s}}.531$	29° 30′ $17''.65$	−5′
88. 9.21	5	34.349	17.72	Z.C. α $34^{\mathrm{s}}.46$
90. 8.29	5	34.463	16.58	
90. 8.30	7	34.613	16.94	
90. 9. 5	5	34.322	17.52	

9810 9.0 2.3785 +0.0012 + 6.353 +0.326 28°3282

72. 7.19	3	19 13 52.631	28 41 2.67	+ 1′
72. 8.14	3	52.646	3.80	
72. 8.15	3	52.611	2.18	+ 1′
72. 8.17	3	52.636	3.72	
72. 8.20	3	52.799	2.05	
75. 8.18	3	52.798	4.28	
75. 10. 6	3	52.748	3.02	
76. 8.16	3	52.509	3.88	
80. 8.31	3	52.723	3.17	
80. 8.31	2	52.653	3.83	

9811 9.3 2.3911 +0.0011 + 6.358 +0.328 — —

77. 9. 8	3	19 13 56.120	28 14 36.59	†

9812 9.0 2.4030 +0.0011 + 6.361 +0.330 27°3339

72. 8.12	3	19 13 59.076	27 49 41.72	
74. 8.25	3	58.837	40.39	
75. 9. 3	3	58.948	41.08	
76. 8.14	2	58.826	40.05	
78. 8.15	3	58.957	39.36	
78. 9.19	3	58.752	41.46	
78. 9.19	3	58.742	39.86	

9813 6.8 2.4253 +0.0011 + 6.367 +0.333 27°3340

73. 8.25	3	19 14 2.385	27 1 59.15	
73. 9. 4	3	2.341	59.37	
74. 8.25	3	2.362	58.35	
78. 8. 8	2	2.284	60.98	
78. 8.26	3	2.301	60.31	
78. 9.16	3	2.317	59.23	
78. 9.16	2	2.487	59.58	
78. 9.18	3	2.304	59.50	
86. 8.31	7	2.292	59.74	
86. 9. 1	7	2.310	59.37	

9814 7.3 2.4346 +0.0011 + 6.372 +0.334 26°3521

72. 8.27	3	19 14 6.464	26 42 14.04	
73. 8. 6	3	6.280	14.26	
73. 8.14	3	6.359	14.56	
74. 7.27	3	6.283	13.87	
75. 8. 4	3	6.333	16.18	
75. 8.25	3	6.251	14.81	
77. 8.30	3	6.247	15.26	

9815 9.0 2.4538 +0.0010 + 6.375 +0.337 25°3790

73. 8. 9	3	19 14 8.261	26 0 24.80	
73. 9.25	3	8.444	23.62	
74. 9.14	3	8.289	23.41	
75. 9.18	2	8.384	22.65	
78. 8.27	3	8.330	23.41	
81. 10. 1	3	8.220	24.07	
84. 9.20	7	8.308	23.31	
84. 9 22	7	8.323	23.14	
84. 9.25	7	8.424	22.72	

9816 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.3401$ $+0^{\mathrm{s}}.0012$ + $6''.378$ $+0''.321$ 29°3555

92. 9. 8	4	$19^{\mathrm{h}}14^{\mathrm{m}}10^{\mathrm{s}}.928$	30° 0′ $51''.13$	v. ft.
95. 8.13	7	10.613	54.56	
95. 8.20	7	10.636	52.13	

9817 9.4 2.3825 +0.0011 + 6.380 +0.327 28°3285

75. 9.15	3	19 14 12.444	28 33 26.63	
95. 8.14	7	12.299	27.50	
95. 8.17	7	12.291	25.59	

9818 9.1 2.4760 +0.0010 + 6.384 +0.339 25°3791

81. 9.26	3	19 14 14.874	25 11 36.82	
81. 10. 5	3	14.809	36.73	
82. 10. 2	3	14.833	37.44	

9819 9.0 2.4175 +0.0011 + 6.391 +0.332 27°3342

72. 7.20	3	19 14 20.259	27 19 31.76	
72. 7.22	3	20.332	32.39	
72. 8.19	3	20.389	32.29	
75. 8.27	3	20.333	32.32	

9820 9.4 2.3684 +0.0011 + 6.394 +0.325 — —

73. 8.22	3	19 14 21.685	29 3 2.07	
74. 8.22	3	21.768	2.50	
74. 9.12	3	22.094	1.33	
78. 9.23	2	22.060	3.08	

9821 9.2 2.3889 +0.0011 + 6.407 +0.327 28°3288

74. 9.24	3	19 14 31.546	28 20 20.22	
82. 9.22	3	31.506	20.86	
84. 9.11	5	31.419	22.36	

9822 9.5 2.4282 +0.0011 + 6.428 +0.332 26°3523

72. 8.23	3	19 14 46.611	26 57 21.44	
73. 8.25	3	46.398	23.20	
73. 9.16	3	46.608	22.60	
74. 9. 9	3	46.443	22.33	

9823 9.2 2.3760 +0.0011 + 6.428 +0.325 28°3289

80. 9. 3	3	19 14 46.666	28 48 6.09	
80. 9. 3	2	46.656	6.08	
80. 9. 8	3	46.592	6.53	

9824 9.4 2.3638 +0.0011 + 6.437 +0.324 — —

79. 9.20	3	19 14 53.840	29 13 41.94	†

9825 8.9 2.4322 +0.0011 + 6.438 +0.333 26°3524

73. 8.14	3	19 14 54.183	26 48 51.48	
74. 8.18	3	54.175	51.65	
74. 8.28	3	54.033	51.42	
75. 8.25	3	54.080	50.71	

9826 8.9 2.4376 +0.0011 + 6.442 +0.334 26°3525

74. 9. 9	2	19 14 57.007	26 37 12.34	Z.C. δ $12''.3$
75. 8. 4	3	56.980	13.00	
77. 9. 4	3	56.946	11.65	

9827 9.4 2.4479 +0.0010 + 6.442 +0.335 26°3526

73. 9.16	2	19 14 57.336	26 14 54.86	+ 5′
92. 8.26	4	57.329	53.85	+ 1^{s}
92. 9. 5	7	57.183	54.65	Z.C. α $57^{\mathrm{s}}.28$

9828 $8^{\mathrm{m}}.9$ $2^{\mathrm{s}}.3713$ $+0^{\mathrm{s}}.0011$ $+\ 6''.444$ $+0''.325$ 28°3292

73. 8.15	3	$19^{\mathrm{h}}14^{\mathrm{m}}58^{\mathrm{s}}.115$	28° 58′ 21″.66	
73. 9. 1	3	58.338	22.52	
75. 9.15	3	58.147	21.63	
75.10. 6	3	58.280	21.14	

9829 8.2 2.3896 +0.0011 + 6.445 +0.327 28°3293

72. 7.19	3	19 14 58.963	28 19 56.02	
72. 8.15	3	59.089	56.40	
73. 9. 1	2	59.119	56.00	
74. 9.24	3	59.045	56.17	
75. 8.18	3	58.891	55.82	
79. 8.28	3	58.995	55.95	
79. 9. 3	3	59.033	56.81	

9830 8.7 2.3918 +0.0011 + 6.446 +0.327 28°3294

72. 8.14	3	19 15 0.353	28 15 26.56	-1^{m}
77. 9. 1	3	0.208	26.46	+ 1 int.
77. 9. 8	2	0.134	26.74	
80. 8.28	3	0.053	27.55	
80. 8.28	2	0.093	26.52	
80. 9. 4	3	0.148	25.75	
80. 9. 4	2	0.238	27.10	
80. 9. 7	3	0.193	25.48	

9831 7.5 2.4433 +0.0010 + 6.449 +0.334 26°3527

74. 7.27	2	19 15 2.000	26 24 54.67	
76. 8.11	2	1.895	55.78	
86. 9. 7	7	1.877	54.70	
88. 9.17	7	1.820	55.85	

9832 7.5 2.4429 +0.0010 + 6.449 +0.334 26°3528

74. 8.18	2	19 15 2.184	26 25 49.96	
76. 8.11	1	2.045	49.85	
86. 9. 9	2	2.284	50.48	cld.
88. 9.26	7	2.273	50.36	

9833 9.2 2.4270 +0.0011 + 6.456 +0.332 26°3529

72. 8.23	3	19 15 7.075	27 0 31.66	
76. 9.21	3	7.106	32.19	
76. 9.23	3	6.892	33.14	
77. 8.17	3	6.934	33.46	
77. 8.30	3	6.872	33.91	
87. 9. 7	5	7.178	34.60	

9834 9.0 2.3827 +0.0011 + 6.456 +0.326 28°3295

72. 8.17	3	19 15 7.084	28 34 45.60	
72. 8.20	3	7.107	43.76	
75.10. 6	1	7.300	45.35	
76. 8.16	3	7.011	46.30	
78. 8.19	3	7.153	45.66	
78. 8.26	2	6.956	46.43	

9835 7.9 2.4083 +0.0011 + 6.457 +0.329 27°3348

72. 7.20	2	19 15 7.969	27 40 40.99	
72. 8.12	3	7.828	42.42	
73. 9. 4	3	7.948	41.87	
74. 8.25	3	7.926	40.97	
75. 8.16	3	7.935	40.95	
75. 9.20	3	7.928	41.94	
76. 8.14	3	7.776	41.19	
78. 9. 6	3	7.803	41.40	
78. 9. 6	3	7.963	41.42	
78. 9.18	3	7.877	41.78	

9836 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.4849$ $+0^{\mathrm{s}}.0010$ $+\ 6''.457$ $+0''.340$ 24°3717

81. 9.23	3	$19^{\mathrm{h}}15^{\mathrm{m}}\ 8^{\mathrm{s}}.136$	24° 53′ 40″.09	
82. 9.23	3	8.198	39.31	
92. 8.20	7	8.105	40.24	
92. 8.25	6	8.183	39.45	

9837 9.2 2.3706 +0.0011 + 6.459 +0.324 28°3296

73. 8. 7	3	19 15 8.973	29 0 0.96	
73. 8.15	3	9.042	0.64	

9838 9.0 2.3835 +0.0011 + 6.464 +0.326 28°3297

72. 8.20	1	19 15 13.000	28 33 16.10	†

9839 9.0 2.4473 +0.0010 + 6.471 +0.335 26°3530

72. 8.27	2	19 15 17.966	26 17 2.25	Z.C. δ 2″.7
74. 8.28	3	17.650	3.52	
75. 8.25	2	17.903	2.95	
76. 9.21	2	17.851	1.80	
77. 9. 4	3	17.821	2.92	
79. 8. 6	3	17.921	2.88	
79. 8.25	3	17.913	1.91	
88. 8.22	5	17.898	3.41	
88. 8.25	7	17.828	2.37	

9840 9.0 2.3638 +0.0011 + 6.475 +0.324 — —

79. 9.20	3	19 15 20.768	29 14 34.47	†

9841 9.1 2.3580 +0.0011 + 6.478 +0.323 — —

73. 8.22	2	19 15 22.901	29 26 42.81	
90. 9.13	5	22.814	42.07	

9842 9.0 2.4797 +0.0010 + 6.483 +0.340 25°3797

73. 8. 5	3	19 15 26.927	25 5 41.60	
73. 8. 9	3	26.906	42.38	
73. 8.21	3	26.945	41.91	
73. 9.25	3	26.976	41.56	
75. 9. 9	3	26.986	41.25	
75. 9.16	3	26.958	41.93	
75. 9.18	3	26.884	40.61	

9843 9.0 2.3577 +0.0011 + 6.484 +0.323 29°3560

73. 8.22	3	19 15 27.340	29 27 36.93	
73. 9.20	3	27.256	35.34	s. of 2
75. 9.29	3	27.366	37.10	−1 int.
88. 9.21	5	27.297	36.22	

9844 9.4 2.3852 +0.0011 + 6.489 +0.326 — —

80. 9.16	3	19 15 31.297	28 30 30.08	†

9845 8.9 2.3602 +0.0011 + 6.491 +0.322 29°3561

73. 8.30	2	19 15 32.736	29 22 29.76	clouds
74. 8.22	3	32.689	31.92	
75. 8.30	3	32.526	29.76	ex. ft.

9846 9.4 2.4854 +0.0010 + 6.498 +0.340 24°3721

81. 9.14	3	19 15 37.653	24 53 28.16	†
81. 9.19	2	37.724	28.47	
82. 9.25	3	37.601	29.37	

9847 9:4 2.4857 +0.0010 + 6.516 +0.340 — —

81. 9.19	1	19 15 50.981	24 53 11.06	† Z.C. δ 11″.1

9848 $9^{m}.3$ $2^{s}.3433$ $+0^{s}.0012$ + 6″.517 +0″.320 29°3564

73. 9.20	2	$19^{h}15^{m}51^{s}.661$	29° 57′ 56″.90	
74. 8.19	3	51.405	56.82	
74. 9. 4	3	51.492	55.67	
74. 9.12	3	51.553	55.90	
78. 9.23	3	51.764	56.75	
81. 9.15	3	51.587	56.47	
81. 9.26	3	51.757	55.89	
81. 9.30	3	51.587	56.89	
81.10. 1	3	51.613	56.42	

9849 9.3 2.3416 +0.0012 + 6.524 +0.320 29°3565

81.10. 5	3	19 15 56.541	30 1 29.65	Z.C. α $56^{s}.44$
82. 9. 7	3	56.309	29.26	
82. 9. 8	3	56.463	27.53	

9850 9.4 2.4496 +0.0010 + 6.530 +0.335 — —

73. 8. 6	3	19 16 0.505	26 13 23.51	
90. 9. 8	3	0.853	22.04	

9851 9.0 2.3850 +0.0011 + 6.535 +0.326 28°3299

72. 8.14	3	19 16 4.469	28 31 58.73	
72. 8.17	3	4.298	57.69	
75. 8.18	3	4.410	58.88	
76. 8.16	3	4.306	59.78	
80. 9.16	3	4.428	58.91	

9852 9.4 2.4231 +0.0011 + 6.544 +0.331 27°3353

75. 9.20	3	19 16 10.604	27 11 12.04	†

9853 9.0 2.4051 +0.0011 + 6.551 +0.329 27°3354

72. 7.22	3	19 16 16.132	27 49 55.04	
73. 9. 4	3	16.068	54.57	
75. 8.27	3	16.192	54.94	
75. 9. 3	3	15.979	54.61	
76. 8.14	3	16.159	53.86	
78. 8.15	3	16.013	52.78	
78. 9.19	3	16.004	54.56	
78. 9.19	2	15.844	54.47	

9854 9.3 2.3860 +0.0011 + 0.555 +0.326 — —

76. 8.16	1	19 16 18.615	28 30 26.82	†

9855 7.1 2.4731 +0.0010 + 6.555 +0.338 25°3802

75. 8.31	3	19 16 18.705	25 22 9.76	Z.C. δ 9″.4
75. 9. 6	3	18.751	9.26	
76. 8. 9	3	18.753	8.70	
88. 9.20	5	18.626	9.72	$+1^{m}$

9856 9.2 2.3462 +0.0012 + 6.563 +0.320 — —

78. 9.12	2	19 16 24.654	29 53 13.88	† v. ft.

9857 8.6 2.3556 +0.0012 + 6.567 +0.322 29°3566

72. 8.28	1	19 16 27.436	29 33 54.56	
73. 8. 7	3	27.420	56.15	
74. 8.22	3	27.363	55.49	
75. 8.26	3	27.499	53.54	
75. 8.30	3	27.329	55.68	
79. 9.27	3	27.282	53.48	

9858 $7^{m}.5$ $2^{s}.4741$ $+0^{s}.0010$ + 6″.570 +0″.338 25°3803

73. 8.21	3	$19^{h}16^{m}29^{s}.691$	25° 20′ 22″.59	Z.C. α $29^{s}.82$
73. 9.25	3	29.933	21.61	
74. 7.24	3	29.879	20.69	
74. 8.20	3	29.695	22.63	
75. 8.31	3	29.910	22.24	
75. 9. 6	3	29.897	22.23	
75. 9.18	3	29.849	22.71	−1°
76. 8. 9	2	29.650	22.18	
88. 9. 6	7	29.884	21.97	

9859 9.3 2.3818 +0.0011 + 6.574 +0.325 28°3301

80. 8.31	3	19 16 32.515	28 39 41.61	
80. 8.31	3	32.455	42.12	

9860 7.7 2.4453 +0.0010 + 6.577 +0.334 26°3533

73. 8.14	3	19 16 34.704	26 24 2.95	
73. 8.25	3	34.733	3.97	
73. 9.16	3	34.945	3.33	
74. 7.27	3	34.660	2.64	
75. 8. 4	3	34.896	4.51	
76. 8.22	3	34.868	2.57	
78. 9.18	3	34.902	3.29	
79. 9. 4	3	34.715	3.18	
79. 9. 4	3	34.895	3.31	

9861 8.8 2.3440 +0.0012 + 6.582 +0.320 29°3567

73. 9.20	2	19 16 38.409	29 58 5.03	
74. 8.19	3	38.274	4.79	
74. 9.12	3	38.422	4.57	
76. 8.17	3	38.333	4.51	
77. 9. 5	3	38.393	5.55	
78. 8.19	3	38.367	4.31	
78. 9.11	3	38.374	5.24	
78. 9.23	2	38.496	6.59	
79. 9. 2	2	38.356	5.00	
79. 9. 3	2	38.380	4.63	

9862 8.8 2.4231 +0.0011 + 6.583 +0.331 27°3357

72. 8.12	3	19 16 39.220	27 12 16.28	
72. 8.19	3	39.030	15.14	
75. 8.16	3	39.166	15.63	
78. 8.15	3	39.017	14.37	

9863 8.9 2.4770 +0.0010 + 6.584 +0.338 25°3805

73. 8. 5	3	19 16 39.780	25 14 15.91	Z.C. δ 15″.8
74. 7.24	3	39.802	14.66	
74. 9.14	3	39.716	15.86	
76. 9. 8	3	39.858	16.46	
77. 9.11	3	39.873	16.33	

9864 8.5 2.3414 +0.0012 + 6.591 +0.320 30°3523

82. 9. 7	3	19 16 45.005	30 3 44.89	
82. 9. 8	3	45.218	43.99	

9865 7.7 2.3395 +0.0012 + 6.591 +0.320 30°3524

84. 9.11	7	19 16 45.441	30 7 41.76	
88. 9.22	7	45.368	43.80	
92. 8.26	4	45.607	41.83	
95. 8.13	3	45.562	43.12	
95. 8.14	4	45.481	42.40	
95. 8.19	7	45.364	42.69	

9866 $7^{\mathrm{m}}.2$ $2^{\mathrm{s}}.3530$ $+0^{\mathrm{s}}.0012$ $+ 6''.594$ $+0''.321$ $29^\circ 3568$

75. 8.30	1	$19^{\mathrm{h}}16^{\mathrm{m}}46^{\mathrm{s}}.746$	$29^\circ 40'$ $9''.51$	
78. 9.12	3	46.979	11.21	$+ 1^{\mathrm{m}}$
79. 9. 2	2	46.893	11.69	
79. 9. 3	2	46.928	10.58	
88. 9.14	5	46.928	12.01	
88. 9.19	5	47.016	11.02	

9867 9.0 2.4164 +0.0011 + 6.596 +0.330 $27^\circ 3358$

81. 9.15	3	19 16 48.642	27 27 6.62	
81. 9.26	3	48.694	4.97	
82. 9.22	3	48.674	5.15	

9868 9.3 2.3851 +0.0011 + 6.597 +0.326 $28^\circ 3303$

72. 8.15	3	19 16 48.959	28 33 28.80	
73. 8.15	3	49.006	29.65	
74. 9.24	3	49.064	29.13	
75. 9.15	3	48.819	31.15	
79. 8.28	3	49.138	28.95	
80. 9.16	2	49.252	29.45	
81. 9.14	3	49.154	29.34	

9869 9.4 2.4846 +0.0010 + 6.597 +0.339 $24^\circ 3723$

82.10. 2	3	19 16 49.472	24 57 33.18	
84. 9.18	7	49.519	32.49	

9870 9.2 2.4315 +0.0011 + 6.598 +0.332 — —

77. 8.17	3	19 16 50.299	26 54 30.47	†

9870ᵃ 9.2 2.3651 +0.0011 + 6.601 +0.323 $29^\circ 3569$

79. 9. 8	2	19 16 52.205	29 15 12.10	-1^{m}.

The transit as recorded clashes with the following observation: the correction is indicated by the time recorded by the circle observer

9871 9.5 2.3848 +0.0011 + 6.601 +0.326 — —

77. 8.15	3	19 16 52.633	28 34 12.29	†Z.C. δ $12''.3$

9872 9.0 2.4631 +0.0010 + 6.615 +0.336 $25^\circ 3808$

73. 8. 9	3	19 17 2.751	25 45 51.22	
74. 9.14	3	2.477	50.34	
75. 9. 9	3	2.687	49.52	ex. ft.
76. 9.23	3	2.669	49.43	
78. 8.27	3	2.565	49.86	

9873 8.2 2.3466 +0.0012 + 6.621 +0.320 $29^\circ 3571$

73. 8.22	3	19 17 6.884	29 53 58.06	
74. 8.19	3	6.985	56.92	
74. 9.12	2	7.142	57.19	
75. 8.26	3	7.189	56.83	$+0^{\mathrm{s}}.1$
78. 9. 2	3	7.020	57.29	
78. 9. 2	1	7.030	57.39	
87. 9.22	7	7.101	57.11	
88. 8.29	7	7.051	57.30	

9874 9.2 2.3665 +0.0011 + 6.627 +0.323 — —

79. 9.15	3	19 17 11.399	29 13 10.31	
79. 9.20	2	11.405	11.30	
79.10. 1	3	11.453	11.09	

9875 9.5 2.3863 +0.0011 + 6.635 +0.326 — —

72. 7.19	3	19 17 17.021	28 31 53.10	†

9876 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.3747$ $+0^{\mathrm{s}}.0011$ $+ 6''.648$ $+0''.324$ $28^\circ 3306$

72. 8.17	3	$19^{\mathrm{h}}17^{\mathrm{m}}26^{\mathrm{s}}.260$	$28^\circ 56'$ $41''.42$	
72. 8.20	3	26.274	40.78	
73. 8.15	2	26.204	41.54	
73. 9. 1	3	26.294	41.91	
75. 8.18	2	26.291	41.48	
75. 9.15	3	26.236	43.59	
77. 9. 8	3	26.098	43.52	
81.10. 1	3	26.319	43.81	

9877 8.0 2.4317 +0.0011 + 6.650 +0.332 $26^\circ 3534$

72. 8.23	3	19 17 28.302	26 55 21.28	
72. 8.27	3	28.212	21.45	
73. 8. 6	3	28.106	20.02	
73. 8.14	3	28.235	21.68	
73. 8.25	3	28.175	21.94	
73. 9.16	3	28.190	21.21	
75. 8.25	3	28.191	20.26	
76. 8.11	3	28.015	19.31	
76. 8.22	3	28.245	22.38	

9878 9.1 2.3385 +0.0012 + 6.653 +0.319 $30^\circ 3533$

92. 8.20	4	19 17 29.731	30 11 16.58	
92. 8.25	4	29.945	14.60	

9879 9.4 2.3950 +0.0011 + 6.654 +0.327 — —

80. 8.28	3	19 17 30.923	28 14 6.94	
80. 8.28	2	30.823	7.35	
80. 9. 7	3	31.120	7.17	

9880 9.3 2.4110 +0.0011 + 6.658 +0.329 $27^\circ 3362$

74. 8.25	3	19 17 33.541	27 39 57.77	
90. 9. 5	7	33.523	57.20	

9881 9.2 2.4161 +0.0011 + 6.660 +0.329 $27^\circ 3363$

81. 9.15	3	19 17 35.067	27 29 22.54	†Z.C. δ $22''.5$

9882 8.7 2.4819 +0.0009 + 6.662 +0.339 $25^\circ 3810$

73. 9.25	3	19 17 36.729	25 5 12.89	
74. 8.20	3	36.587	13.77	
76. 9.21	3	36.644	14.18	
77. 9.11	2	36.885	13.28	
87. 9. 7	7	36.751	13.55	

9883 9.2 2.4504 +0.0010 + 6.664 +0.334 $26^\circ 3535$

73. 8.25	1	19 17 38.218	26 15 1.88	
90. 9.12	7	38.230	0.10	

9884 9.4 2.3576 +0.0012 + 6.670 +0.321 $29^\circ 3572$

81. 9.26	2	19 17 42.589	29 32 42.07	Z.C. δ $41''.1$
82. 9.25	2	42.424	41.52	
86. 9.10	7	42.665	39.82	

9885 5.4 2.4567 +0.0010 + 6.672 +0.335 $25^\circ 3811$

73. 8. 5	3	19 17 43.809	26 1 25.87	Z.C. δ $25''.7$
73. 8.21	3	43.746	25.90	
75. 9.16	3	43.810	25.87	
75. 9.18	3	43.736	25.07	
81. 9.23	3	43.715	25.55	
81.10. 5	2	43.801	25.83	
82. 9.23	3	43.770	25.99	

9886 9.2 2.3938 +0.0011 + 6.673 +0.326 $28^\circ 3308$

80. 9. 4	3	19 17 44.663	28 17 8.68	†

9887	$9^{m}.2$		$2^{s}.4781 + 0^{s}.0009$	$+ 6''.674 + 0''.338$	25°3812
	74. 7.24	2	$19^{h}17^{m}45^{s}.602$	$25^{\circ}13'54''.43$	
	78. 8.27	3	45.455	56.65	
	87. 9.28	5	45.776	57.05	v.ft.
9888	8.7		2.3526 +0.0012	+ 6.679 +0.321	29°3573
	87. 9. 8	5	19 17 49.192	29 43 18.88	
	92. 8.26	4	49.193	18.33	
	92. 9. 5	7	49.139	19.82	
9889	9.5		2.3687 +0.0011	+ 6.682 +0.323	— —
	82. 9. 9	3	19 17 50.963	29 10 5.67	†

Intervals of wires very bad

9890	9.5		2.3584 +0.0012	+ 6.682 +0.322	29°3574
	81. 9.30	3	19 17 50.971	29 31 27.12	†
9891	9.2		2.3869 +0.0011	+ 6.682 +0.325	28°3310
	80. 9.16	2	19 17 51.386	28 32 0.70	†

9892 Not found on revision 98.9.8. The catalogue place is 1^{m} wrong: see 9870[a] above

9893	9.4		2.3581 +0.0012	+ 6.684 +0.321	29°3575
	79. 9. 2	2	19 17 52.395	29 32 0.48	
	79. 9.27	3	52.314	1.07	
	81. 9.28	3	52.338	1.74	
	82. 9.22	3	52.424	0.48	
	82.10. 2	3	52.458	0.52	
9894	7.6		2.3436 +0.0012	+ 6.685 +0.320	29°3576
	74. 8.22	3	19 17 53.459	30 1 52.88	Z.C.δ 53″.5
	75. 7.24	3	53.303	54.56	
	77. 9. 5	3	53.330	54.47	
	78. 8.19	1	53.235	53.70	
	80. 9.18	3	53.307	53.64	
	82. 9. 7	3	53.322	53.48	
	82. 9. 8	3	53.365	51.68	
	88. 8.22	5	53.294	53.49	
9895	9.4		2.3792 +0.0011	+ 6.689 +0.324	— —
	80. 9. 3	3	19 17 55.868	28 48 23.30	
	80. 9. 3	2	55.878	22.98	
	80. 9. 8	3	55.880	23.05	
9896	8.7		2.4662 +0.0010	+ 6.695 +0.336	25°3813
	73. 8. 9	3	19 18 0.235	25 40 57.13	
	75. 8.31	3	0.191	57.16	
	75. 9.16	3	0.484	56.60	
	88. 8.25	5	0.219	56.88	
9897	9.0		2.3741 +0.0011	+ 6.699 +0.323	— —
	72. 8.20	2	19 18 3.441	28 59 21.74	†
9898	9.2		2.4752 +0.0009	+ 6.700 +0.338	25°3814
	88. 9.21	4	19 18 4.005	25 21 4.97	†
9899	9.4		2.4333 +0.0010	+ 6.703 +0.331	26°3536
	72. 8.27	3	19 18 6.153	26 53 15.85	
	73. 8. 6	3	6.268	15.16	
	74. 8.18	3	6.257	16.23	
	75. 8.25	3	6.401	15.70	
	77. 8.30	3	6.315	16.09	
	81. 9.14	2	6.503	15.37	

9900 Not found on revision 97.7.24 and 98.9.23: the catalogue place is 5′ wrong: see appendix 9900[a]

9901	$9^{m}.0$		$2^{s}.3894 + 0^{s}.0011$	$+ 6''.711 + 0''.325$	28°3312
	72. 8.14	3	$19^{h}18^{m}12^{s}.216$	$28^{\circ}27'26''.70$	
	72. 8.15	3	12.109	26.40	
	75. 9.15	2	11.924	27.31	
	75.10. 6	3	12.112	27.45	
9902	9.3		2.3664 +0.0011	+ 6.716 +0.322	29°3579
	73. 8. 7	3	19 18 15.557	29 15 46.56	
	79. 9. 8	3	15.636	45.46	
	79.10. 1	3	15.629	45.60	
	88. 9.20	5	15.512	46.46	
9903	9.4		2.3580 +0.0012	+ 6.719 +0.321	— —
	79. 9.15	2	19 18 17.871	29 33 10.31	†
9904	9.3		2.3580 +0.0012	+ 6.731 +0.321	29°3581
	78. 9.11	3	19 18 26.991	29 33 27.47	†
9905	9.4		2.3792 +0.0011	+ 6.741 +0.324	— —
	80. 9. 8	3	19 18 33.696	28 49 49.44	†
9906	8.6		2.4101 +0.0011	+ 6.747 +0.328	27°3369
	73. 9. 4	3	19 18 38.536	27 44 39.77	
	74. 8.25	3	38.257	37.17	
	74. 9. 2	3	38.469	37.70	
	76 8.14	3	38.415	37.33	
	78. 9. 6	3	38.388	37.59	
	78. 9. 6	3	38.388	38.42	
	78. 9.16	3	38.534	37.86	
9907	9.0		2.4163 +0.0011	+ 6.748 +0.329	27°3367
	72. 7.22	3	19 18 39.305	27 31 17.02	d.s.p.
	72. 8.12	3	39.263	16.44	p.
	72. 8.19	3	39.182	15.12	l.
	75. 8.27	3	39.117	15.56	s.p.
	75. 9. 3	3	39.333	16.05	s.p.
	75. 9.20	3	39.225	15.96	s.p.
9908	8.9		2.3995 +0.0011	+ 6.749 +0.327	28°3315
	92. 8.20	5	19 18 39.490	28 7 10.11	
	92. 8.25	5	39.489	9.04	
9909	9.5		2.3692 +0.0011	+ 6.756 +0.322	— —
	81. 9.19	3	19 18 45.023	29 11 6.90	† Z.C.δ 6″.9
9910	9.5		2.3850 +0.0011	+ 6.760 +0.324	— —
	80. 8.31	3	19 18 48.229	28 38 5.42	†
9911	9.4		2.3702 +0.0011	+ 6.761 +0.322	— —
	82. 9. 9	2	19 18 48.936	29 9 11.98	†
9912	9.1		2.4567 +0.0010	+ 6.763 +0.335	26°3537
	81. 9.23	3	19 18 50.048	26 3 34.19	
	82. 9.23	3	50.341	33.39	
	85. 9. 9	7	50.034	33.19	
	85. 9.11	7	50.070	33.80	
9913	9.0		2.4165 +0.0011	+ 6.766 +0.329	27°3373
	75. 9. 3	3	19 18 52.253	27 31 10.21	†

9914 $9^{m}.5$ $2^{s}.3666$ $+0^{s}.0011$ $+6''.773$ $+0''.322$ — —

73. 9.20	3	$19^{h}18^{m}57^{s}.133$	$29^{\circ}16'58''.88$	
90. 9. 8	7	57.218	58.68	

9915 9.2 2.4890 +0.0009 + 6.777 +0.338 24°3733

81. 9.26	1	19 18 59.866	24 52 3.85	† Z.C. δ $3''.8$

9916 9.1 2.3762 +0.0011 + 6.777 +0.323 28°3317

72. 7.19	3	19 18 59.958	28 56 57.35	
72. 8.20	1	60.304	55.57	
73. 9. 1	3	60.025	57.23	
74. 9.24	3	60.019	57.17	
77. 9. 8	3	60.091	58.39	
90. 9.11	7	59.943	57.42	

9917 9.3 2.4299 +0.0010 + 6.778 +0.331 27°3376

73. 9. 4	3	19 19 1.209	27 2 33.48	
74. 8.25	3	1.159	33.36	
76. 8.14	3	1.326	33.77	
78. 9.16	2	1.388	34.38	$+1^{m}$
84. 9.20	7	1.278	34.15	$+1^{m}$
84. 9.25	7	1.241	33.40	
88. 9.17	5	1.197	33.99	
88. 9.26	5	1.141	35.41	

9918 9.0 2.3739 +0.0011 + 6.782 +0.323 29°3583

74. 8.19	2	19 19 3.535	29 2 5.66	
74. 8.22	3	3.618	5.49	-1^{s}
74. 9.12	3	3.728	5.06	
75. 9 29	3	3.528	4.34	
78. 9.11	2	3.753	5.47	

9919 9.2 2.4857 +0.0009 + 6.786 +0.338 24°3735

81. 9.15	3	19 19 7.095	24 59 43.03	
81.10. 1	3	7.107	43.34	
82. 9.22	3	6.985	42.38	

9920 9.3 2.4159 +0.0011 + 6.787 +0.329 27°3378

86. 9. 7	5	19 19 7.880	27 33 5.95	†

9921 5.2 2.3641 +0.0011 + 6.793 +0.321 29°3584

72. 8.28	3	19 19 11.989	29 22 41.04	
75. 7.24	3	11.909	42.87	
75. 8.30	3	11.785	39.73	
86. 8.31	5	11.831	41.66	
86. 9. 1	5	11.860	41.43	
86. 9. 8	5	11.861	40.72	

9922 9.5 2.3452 +0.0012 + 6.794 +0.319 29°3585

80. 9.18	3	19 19 12.855	30 1 35.92	
82. 9. 7	2	12.960	34.79	

9923 8.9 2.4321 +0.0010 + 6.795 +0.331 26°3539

72. 8.23	3	19 19 13.267	26 58 17.80	
73. 9.16	3	13.222	16.29	
74. 8.28	3	13.109	17.61	
75. 8.25	2	13.248	17.50	
76. 8 11	3	13.143	15.90	
79. 9. 4	3	13.468	17.43	
79. 9. 4	3	13.268	18.16	
82.10. 2	3	13.305	17.36	
84. 9.22	5	13.245	16.89	

9924 Not found on revision: not found on Oxford photograph 97 8.3, which shows a star 5′ north: see 9924[a]

9924[a] $9^{m}.5$ $2^{s}.4176$ $+0^{s}.0011$ $+6''.796$ $+0''.329$ — —

75. 9.20	2	$19^{h}19^{m}14^{s}.184$	$27^{\circ}29'41''.13$	$+5'$

9925 9.5 2.4891 +0.0009 + 6.797 +0.338 — —

81. 9.30	1	19 19 14.959	24 52 19.37	Z.C. δ $19''.6$
82. 9 25	2	14.732	19.75	-1^{m}

9926 8.9 2.4558 +0.0010 + 6.798 +0.334 26°3540

73. 8.14	3	19 19 15.456	26 6 29.01	
74. 7.27	3	15.346	28.04	
74. 9. 9	3	15.359	27.99	
88. 9. 6	5	15.396	28.56	
88. 9.14	5	15.294	29.36	
88. 9.19	5	15.434	28.40	

9927 9.5 2.4731 +0.0009 + 6.803 +0.336 — —

73. 8.21	2	19 19 18.871	25 28 30.12	†

9928 7.0 2.4079 +0.0011 + 6.806 +0.327 27°3379

74. 9. 2	3	19 19 21.504	27 50 37.97	
75. 8.16	3	21.517	39.00	
78. 8. 8	3	21.575	39.40	
78. 8.15	3	21.433	38.44	

9929 7.5 2.3941 +0.0011 + 6.808 +0.326 28°3319

72. 8.14	3	19 19 22.556	28 20 12.24	
72. 8.15	3	22.489	10.92	
72. 8.17	3	22.514	12.15	
73. 8.15	3	22.475	12.63	
75. 8.18	3	22.410	13.08	
76. 8.16	3	22.396	12.72	

9930 9.2 2.4076 +0.0011 + 6.811 +0.327 — —

75. 8.16	2	19 19 24.957	27 51 26.14	
78. 8. 8	1	24.866	26.41	

9931 9.1 2.4557 +0.0010 + 6.812 +0.334 26°3543

73. 8.14	3	19 19 25.906	26 7 6.93	
74. 7.27	3	25.988	6.69	
74. 9. 9	3	26.038	6.21	

9932 9.4 2.4890 +0.0009 + 6.813 +0.338 24°3736

81. 9.30	2	19 19 26.261	24 52 59.71	
87. 9. 2	7	26.376	59.78	
			Z.C. δ $24^{\circ}52'59''.7$	

9933 9.0 2.4141 +0.0011 + 6.817 +0.328 27°3380

75. 8.27	3	19 19 29.516	27 37 48.94	
78. 8.26	3	29.482	50.02	
78. 9.18	3	29.420	48.96	
78 9.19	3	29.429	48.80	

9934 9.4 2.3957 +0.0011 + 6.818 +0.325 — —

80. 9. 4	3	19 19 29.944	28 17 6.01	
80. 9. 4	2	29.734	6.42	

9935 8.8 2.4398 +0.0010 + 6.827 +0.332 26°3544

74. 8.18	3	19 19 36 378	26 42 22.39	
74. 8.28	3	36.472	21.88	
75. 8. 4	3	36.493	22.50	
88. 8.29	5	36.486	21.54	-5^{m}

9936 $9^{m}0$ $2^{s}4335$ $+0^{s}0010$ + 6″827 +0″330 26°3545

73.	9.16	3	$19^{h}19^{m}36^{s}883$	26°56′ 5″87	Z.C. δ6″2
76.	8.22	3	36.716	5.40	
77.	8.17	3	36.594	6.24	
77.	8.30	3	36.758	6.86	
88.	9.22	5	36.644	6.80	

9937 8.7 2.3787 +0.0011 + 6.833 +0.323 28°3320

73.	9. 1	3	19 19 41.053	28 53 26.34	
74.	9.24	3	41.108	25.77	?c.d.l.
75.	9.15	3	41.021	25.82	
79.	8.28	3	41.055	26.82	
90.	9.13	5	40.830	27.20	

9938 9.3 2.3703 +0.0011 + 6.840 +0.322 — —

75.	8.26	1	19 19 46.520	29 11 17.59	
82.	9. 9	2	46.367	17.99	
90.	9.15	7	46.399	17.57	

9939 9.0 2.4526 +0.0010 + 6.844 +0.333 26°3546

73.	8. 6	3	19 19 49.034	26 14 41.22	+ 1′
73.	8.25	3	49.034	43.57	Z.C. δ41″8
77.	9. 4	3	49.127	41.65	
87.	9.22	5	49.308	40.93	

9940 9.0 2.3843 +0.0011 + 6.844 +0.324 28°3321

72.	7.19	3	19 19 48.992	28 41 50.96	n. p. of 2
77.	9. 1	2	49.291	51.42	Z.C. δ 51″2

9941 9.1 2.3845 +0.0011 + 6.845 +0.324 28°3322

77.	9. 1	2	19 19 49.710	28 41 29.93	Z.C. δ30″3
87.	9. 8	5	49.765	30.65	

9942 9.3 2.4152 +0.0011 + 6.846 +0.328 27°3383

76.	8.25	1	19 19 50.262	27 36 6.67	†

9943 9.0 2.4224 +0.0010 + 6.849 +0.329 27°3384

72.	7.22	3	19 19 52.833	27 20 46.05	
72.	8.12	3	52.958	45.61	
72.	8.19	3	52.906	45.20	
78.	8.15	3	52.820	44.52	
78.	8.26	2	52.831	47.04	
81.	9.14	3	52.853	47.06	

9944 9.0 2.4474 +0.0010 + 6.853 +0.332 26°3547

74.	7.30	3	19 19 55.394	26 26 37.04	
76.	9.21	3	55.508	36.07	
76.	9.23	3	55.454	36.75	
78.	8.27	3	55.472	36.50	
78.	9.26	3	55.585	36.46	
79.	8. 6	3	55.603	36.07	
79.	8.25	3	55.675	34.20	
88.	9.21	5	55.651	37.20	

9945 8.5 2.4804 +0.0009 + 6.865 +0.337 25°3822

73.	8. 5	3	19 20 4.539	25 13 40.55	
73.	8. 9	3	4.508	42.37	
73.	9.25	3	4.505	40.70	
75.	9.18	3	4.552	41.25	
76.	8. 9	3	4.506	41.09	

9946 $8^{m}9$ $2^{s}3538$ $+0^{s}0012$ + 6″867 +0″320 29°3588

73.	8. 7	3	$19^{h}20^{m}$ $5^{s}910$	29°46′ 1″06	+ 1′
73.	8.22	2	5.739	0.65	+ 1′
73.	9.20	3	5.808	0.83	
75.	8.30	3	5.756	0.29	
75.	9.29	3	5.799	0.37	
78.	9 23	3	5.964	0.69	
78.	9.23	2	6.064	1.80	

9947 9.3 2.4547 +0.0010 + 6.868 +0.333 26°3548

72.	8.23	3	19 20 6.288	26 10 57.72	
72.	8.27	3	6.188	58.47	
74.	8.18	3	6.212	58.26	
76.	8.11	3	6.248	57.25	
88.	8.22	5	6.145	58.42	

9948 8.4 2.4741 +0.0009 + 6.869 +0.336 25°3823

73.	8.21	3	19 20 6.970	25 27 43.46	
74.	7.24	3	6.987	42.14	
75.	9. 9	3	6.990	43.78	
75.	9.16	2	7.110	42.59	
87.	9.28	5	7.222	43.27	

9949 8.3 2.4742 +0.0009 + 6.880 +0.336 25°3824

73.	8.21	3	19 20 15.729	25 27 56.94	
74.	7.24	2	15.637	53.87	
75.	9. 9	3	15.860	55.65	
75.	9 16	3	15.690	54.81	

9950 8.2 2.4573 +0.0010 + 6.887 +0.334 26°3549

73.	9.16	2	19 20 20.317	26 5 39.24	
76.	8.22	3	19.992	39.78	
95.	8.23	7	20.033	39.86	
95.	8.24	7	19.986	39.53	s.f. of 2

9951 9.1 2.4803 +0.0009 + 6.890 +0.337 25°3825

73.	8. 9	3	19 20 22.646	25 14 36.08	
90.	8.29	7	22.890	33.65	
90.	9. 5	7	22.631	35.04	
90.	9.12	6	22.622	35.86	

9952 9.3 2.4084 +0.0011 + 6.891 +0.327 27°3386

74.	8.25	3	19 20 23.640	27 51 62.08	
74.	9. 2	3	23.711	59.85	
79.	8.28	1	23.883	61.08	
96.	8.25	7	23.715	60.91	§
96.	8.26	7	23.639	61.90	§
96.	8.27	6	23.601	61.78	§

9953 9.0 2.3416 +0 0012 + 6.894 +0.318 30°3548

78.	8.19	3	19 20 25.773	30 11 48.04	
92.	8.25	7	25.961	48.88	
92.	9. 5	7	25.866	48.33	

9954 9.3 2.4069 +0.0011 + 6.895 +0.326 27°3387

73.	9. 4	3	19 20 26.243	27 55 24.97	
76.	8.14	3	26.306	23.39	
78.	9. 6	3	26.273	24.44	
78.	9.18	3	26.355	24.21	
78.	9.19	3	26.374	24.94	

9955 8.5 2.4857 +0.0009 + 6.899 +0.338 25°3826

73.	9.25	3	19 20 29.360	25 2 41.49	
74.	9.14	3	29.154	42.91	
88.	9.20	7	29.312	44.17	

9956 $7^{m}5$ $2^{s}4639$ $+0^{s}0010$ $+\ 6''901$ $+0''335$ $25^{\circ}3827$

74. 8.20	3	$19^{h}20^{m}30^{s}977$	$25^{\circ}\ 51'\ 25''89$	
75. 8.31	3	31.013	26.82	
75. 9. 6	3	31.009	25.47	
76. 8. 9	3	31.017	25.69	
86. 9. 9	7	30.971	25.74	v. ft.

9957 9.2 2.4368 +0.0010 + 6.902 +0.331 $26^{\circ}3550$

73. 8.25	3	19 20 31.222	26 50 50.18	
74. 7.27	2	31.400	48.14	
75. 8. 4	3	31.313	49.82	
77. 8.30	3	31.286	48.21	
88. 8.25	5	31.215	48.40	

9958 9.2 2.3617 +0.0012 + 6.912 +0.320 — —

74. 9.12	3	19 20 38.485	29 31 8.35	Z.C. $\delta\ 8''1$
81. 9.23	2	38.550	8.02	
81.10. 5	2	38.593	7.90	

9959 9.0 2.3613 +0.0012 + 6.913 +0.320 $29^{\circ}3590$

72. 8.28	3	19 20 39.195	29 31 55.37	
74. 9.12	3	39.444	56.78	
81. 9.23	3	39.503	56.32	
81.10. 5	3	39.497	56.53	

9960 8.6 2.4886 +0.0009 + 6.914 +0.338 $24^{\circ}3740$

74. 8.20	2	19 20 40.123	24 56 32.71	
76. 9.21	3	40.040	32.14	
76. 9.23	3	40.054	32.62	
77. 9.11	3	40.194	31.63	

9961 9.1 2.3856 +0.0011 + 6.917 +0.323 $28^{\circ}3327$

73. 9. 1	2	19 20 42.091	28 41 9.50	
90. 8.30	7	42.058	8.90	

9962 9.3 2.3647 +0.0011 + 6.919 +0.321 $29^{\circ}3591$

74. 8.22	3	19 20 43.817	29 25 5.02	
75. 7.24	3	43.920	5.47	
78. 9. 2	2	43.818	5.78	
82. 9.22	3	43.722	5.16	
82. 9.23	3	44.025	4.23	

9963 9.5 2.4355 +0.0010 + 6.925 +0.330 — —

73. 8.25	1	19 20 48.341	26 54 22.99	†

9964 9.2 2.3906 +0.0011 + 6.926 +0.324 $28^{\circ}3328$ A

75. 8.18	2	19 20 48.936	28 30 46.32	†

9965 8.0 2.3907 +0.0011 + 6.926 +0.324 $28^{\circ}3328$ B

72. 8.14	3	19 20 48.821	28 30 41.50	
72. 8.17	3	49.099	40.95	
75. 8.18	3	49.226	41.67	
80. 9.16	3	49.045	41.37	
82. 8.15	2	48.799	41.81	

9966 9.1 2.4665 +0.0010 + 6.930 +0.335 $25^{\circ}3831$

81. 9.19	3	19 20 51.918	25 46 28.71	Z.C. $\delta\ 27''8$
81. 9.28	3	51.801	29.09	
81.10. 1	3	51.901	25.71	

9967 9.4 2.4041 +0.0011 + 6.933 +0.326 $28^{\circ}3329$

73. 8.15	3	19 20 53.972	28 2 25.90	
75.10. 6	3	53.885	25.21	
76. 8.16	2	53.957	25.99	

9968 $9^{m}0$ $2^{s}3690$ $+0^{s}0011$ $+\ 6''950$ $+0''321$ $29^{\circ}3592$

73. 8. 7	3	$19^{h}21^{m}\ 6^{s}677$	$29^{\circ}\ 16'\ 53''97$	
73. 8.22	2	6.693	53.25	
73. 9.20	3	6.727	53.62	
78. 9.12	3	6.678	54.69	
78. 9.20	3	6.628	55.32	
78. 9.23	2	6.709	55.54	

9969 8.4 2.3942 +0.0011 + 6.951 +0 324 $28^{\circ}3331$

72. 7.19	3	19 21 7.533	28 23 49.03	
75. 9.15	3	7.478	49.37	
88. 9.26	7	7.492	49.67	

9970 9.5 2.3441 +0.0012 + 6.957 +0.317 $30^{\circ}3558$

79. 9. 2	2	19 21 11.118	30 8 41.78	Z.C. $\alpha\ 11^{s}31$
79. 9 15	3	11.412	41.19	$-10'$
79.10. 1	3	11.320	42.03	
80. 8.24	3	11.386	40.74	

9971 9.1 2.4397 +0.0010 + 6.958 +0.331 $26^{\circ}3552$

73. 8. 6	3	19 21 12.324	26 46 12.91	
73. 8.14	3	12.339	13.94	
74. 8.28	3	12.408	13.80	
75. 8.25	3	12.469	13.64	

9972 9.2 2.3999 +0.0011 + 6.961 +0.325 $28^{\circ}3332$

72. 8.15	3	19 21 14.641	28 12 0.87	Z.C. $\delta\ 1''8$
73. 9. 1	1	14.793	2.13	
77. 8.31	3	14.766	1.66	
77. 9. 8	3	14.678	2.39	

9973 8.5 2.4783 +0.0009 + 6.968 +0.336 $25^{\circ}3833$

73. 8. 5	3	19 21 19.704	25 21 4.41	
73. 9.25	3	19.665	4.62	
75. 9.18	3	19.649	5.50	
88. 9. 6	7	19.614	5.56	

9974 9.2 2.4526 +0.0010 + 6.975 +0.333 $26^{\circ}3553$

90. 9.11	7	19 21 24.803	26 18 22.40	†

9975 8.8 2.4811 +0.0009 + 6.976 +0.336 $25^{\circ}3834$ A

75. 9.16	3	19 21 25.321	25 14 51.36	
78. 8.27	3	25.409	51.76	
78. 9.26	3	25.431	52.37	
79. 8. 6	3	25.564	50.84	
88. 9.14	5	25.463	51.73	
88. 9.19	4	25.550	51.73	

9976 9.0 2.4811 +0.0009 + 6.976 +0.336 $25^{\circ}3834$ B

78. 8.27	2	19 21 25.879	25 14 50.66	
78. 9.26	2	25.751	50.71	
79. 8. 6	2	26.104	49.49	
88. 9.17	7	25.972	50.33	

9977 9.1 2.4302 +0.0010 + 6.979 +0.329 $27^{\circ}3390$

72. 7.22	3	19 21 27.566	27 7 25.39	
72. 8.12	2	27.537	25.99	
72. 8.19	3	27.473	23.67	
75. 8.16	3	27.472	24.02	
75. 9. 3	3	27.585	25.54	
78. 8.15	3	27.547	23.01	

9978	$7^{\mathrm{m}}.8$	$2^{\mathrm{s}}.4317$ $+0^{\mathrm{s}}.0010$	$+\ 6''.981$ $+0''.330$	27°3391
72. 8 12	2	$19^{\mathrm{h}}21^{\mathrm{m}}28^{\mathrm{s}}.852$	$27^{\circ}\ 4'\ 12''.86$	
72. 8.19	2	28.857	11.67	
72. 9.20	3	28.795	12.38	
75. 9.20	3	28.792	12.74	
9979	8.8	2.4593 +0.0010	+ 6 982 +0.333	26°3554
72. 8.23	3	19 21 29.825	26 3 45.56	
72. 8.27	3	29.655	45.38	
73. 9.16	3	29.885	45.80	
75. 8.25	3	29.697	45.66	
76. 8.11	3	29.608	44.01	
77. 8.30	3	29.702	46.43	
9980	9.4	2.3707 +0 0011	+ 6.985 +0 321	29°3594
86. 8.30	6	19 21 32.171	29 14 24.06	
86. 9. 8	7	32.105	24.65	
9981	9.0	2.3582 +0.0012	+ 6.992 +0.319	29°3595
75 9.29	3	19 21 37.456	29 40 35.11	
78. 9. 3	3	37.595	34.56	
78. 9.11	1	37.519	35.67	
78. 9.12	3	37.606	35.07	
9982	9.3	2.3708 +0.0011	+ 6.995 +0.321	29°3596
74. 8.22	3	19 21 39.239	29 14 27.37	
79. 9. 3	1	39.249	24.45	
86. 8.31	6	39.141	25.11	
86. 9. 1	7	39.319	25.08	
86. 9.10	4	39.480	23.88	
86. 9.11	6	39.234	25.04	
88. 9.22	7	39.259	25.57	
9983	8.7	2.3478 +0.0012	+ 6.997 +0.318	30°3563
74. 9. 4	3	19 21 40.993	30 2 14.25	
78. 8.19	2	40.888	14.86	
79. 9. 2	2	40.984	14.98	
79. 9. 3	2	40.819	13.98	
80. 9.18	3	40.921	14.11	
82. 9. 7	3	40.903	13.96	
87. 9. 7	5	41.079	16.35	
88. 8.29	5	40.943	14.28	
9984	8.5	2.3713 +0.0011	+ 7.009 +0.321	29°3597
72. 8.28	3	19 21 50.070	29 13 50.25	
73. 9.20	3	50.127	51.57	
74. 9. 4	2	49.967	51.14	
75. 8.30	3	50.082	50.61	
78. 9.11	3	50.108	51.85	
79. 9.27	3	50.047	50.84	
81. 9. 9	3	50.015	50.64	+ 5′
88. 8.22	5	49.913	51.47	
9985	9.3	2.3919 +0.0011	+ 7.013 +0.324	28°3336
72. 8.17	3	19 21 52.468	28 30 33.34	
72. 8.20	3	52.340	33.41	
73. 8.15	3	52.394	34.72	
77. 9. 8	3	52.366	35.01	
87. 9.22	5	52.474	34.99	
9986	9.5	2.4901 +0.0009	+ 7.020 +0.336	24°3747
74. 9.14	3	19 21 57.220	24 55 51.51	
75. 8.31	1	57.486	50.54	$+\ 2^{\mathrm{s}}$
75. 9. 6	3	57.480	51.52	
77. 9.11	3	57.385	50.47	
79. 8.25	3	57.445	48.87	
86. 9.13	5	57.634	49.83	

9987	$9^{\mathrm{m}}.2$	$2^{\mathrm{s}}.4863$ $+0^{\mathrm{s}}.0009$	$+\ 7''.021$ $+0''.336$	25°3838
74 7.24	3	$19^{\mathrm{h}}21^{\mathrm{m}}58^{\mathrm{s}}.597$	$25^{\circ}\ 4'\ 32''.08$	
75. 9. 9	3	58.455	33.52	
75 9.18	3	58.430	33.43	+ 5′
76. 8. 9	3	58 464	33.65	
88. 9 21	7	58.526	34.25	
9988	9.5	2.4893 +0.0009	+ 7.021 +0.336	24°3749
75. 8.31	3	19 21 58.486	24 57 46.10	
76. 9.21	3	58.734	46.77	
86. 9 15	7	58.575	44.78	
87. 9. 2	5	58.851	45.79	
9989	9.1	2.4147 +0.0011	+ 7.026 +0.327	27°3394
84 9.25	7	19 22 2.412	27 42 4.06	†
9990	9.2	2.4782 +0.0009	+ 7.034 +0.335	25°3839
81. 9.19	3	19 22 8.304	25 22 54.96	
81. 9.26	3	8.350	55.28	
81. 9.28	3	8.216	55.17	
9991	9.2	2.4907 +0.0009	+ 7.040 +0.336	— —
76. 9.23	2	19 22 12.075	24 55 4.26	†
9992	8.8	2.3449 +0.0012	+ 7.041 +0.317	30°3573
75. 8.26	3	19 22 13.125	30 9 36.27	
76. 8.17	2	13.009	35.80	
79. 9. 8	3	13.108	36.00	
81. 9.23	3	13.070	36.87	
81. 9.30	3	13 021	36.50	
81.10. 1	3	13.137	37.37	
9993	9.0	2.3837 +0.0011	+ 7.043 +0.323	28°3339
72. 8.14	3	19 22 14.722	28 49 2.49	
74. 9.24	3	14.699	1.48	
9994	9.4	2.4001 +0.0011	+ 7.044 +0.325	28°3340
75.10. 6	3	19 22 15.474	28 14 17.87	
78. 9. 2	3	15.332	19.77	
78. 9.19	2	15.455	18.33	
79. 8.26	2	15.653	19.24	ft.
79. 9.15	2	15.632	17.91	– 1 int.
80. 8.28	3	15.306	18.18	
80. 9.13	3	15.748	18.83	
9995	9.0	2.4131 +0.0011	+ 7.045 +0.326	27°3395
72. 9.20	3	19 22 16.031	27 46 11.17	
74. 9. 2	3	15.927	8.82	
76. 8.14	3	15.884	10.38	
87. 9.28	5	16.176	10.89	
9996	9.1	2.3875 +0.0011	+ 7.052 +0.323	28°3341
75. 9.15	3	19 22 20.847	28 41 7.30	
77. 8.31	3	20.966	7.11	
9997	9.5	2.3652 +0.0011	+ 7.062 +0.320	29°3599
73. 8. 7	3	19 22 28.517	29 28 7.03	†
73. 8.22	3	28.382	5.56	
9998	8.5	2.3449 +0.0012	+ 7.063 +0.317	30°3578
79. 9. 8	2	19 22 29.510	30 10 17.50	Z.C. $\delta 17''.3$
81. 9.30	3	29.627	17.63	
81.10. 1	2	29.473	17.80	
85. 9. 1	5	29.454	16.64	
86. 9. 7	7	29.405	16.70	
90. 9.13	7	29.519	17.41	

9999 Not found on revision: not found on Oxford photograph 95.6.27. The catalogue place is 1′ wrong: see appendix 9999^{a}

10000 $9^{m}.0$ $2^{s}.3726$ $+0^{s}.0011$ + $7''.065$ $+0''.321$ 29°3602

75. 9.29	2	$19^{h}22^{m}30^{s}.961$	$29^{\circ}\,12'\,39''.03$	
78. 9. 3	3	31.116	37.30	
78. 9.23	3	31.024	39.87	
79. 9.27	3	31.095	38.12	
82. 9.25	3	30.902	38.47	
84. 9.12	7	30.980	37.59	
84. 9.18	7	31.032	37.57	

10001 8.9 2.3848 +0.0011 + 7.068 +0.322 28°3342

72. 8.15	3	19 22 32.531	28 47 11.27	
78. 9.20	3	32.717	12.24	
80. 8.31	3	32.753	11.23	
80. 9. 3	3	32.785	11.61	
88 8.25	7	32.643	11.72	

10002 9.5 2.3653 +0.0011 + 7.071 +0.319 — —

79. 9.20	3	19 22 35.157	29 28 11.70	†

10003 9.0 2.3986 +0.0011 + 7.071 +0.324 28°3343

79.10. 1	3	19 22 35.591	28 17 53.34	
79.10. 9	3	35.460	53.62	
80. 9. 4	2	35.346	53.14	
80. 9. 7	3	35.327	53.04	

10004 8.5 2.4634 +0.0010 + 7.072 +0.333 25°3843

73. 8. 5	3	19 22 36.182	25 57 3.21	Z.C. Ep. 74.2
73. 8. 9	3	36.230	2.67	
73. 8.21	3	36.063	3.75	
73. 9.25	3	36.286	2.62	
76. 8. 9	1	36.144	2.85	

10005 8.5 2.4387 +0.0010 + 7.077 +0.330 26°3559

73. 8.25	3	19 22 39.369	26 51 42.20	
74. 7.27	3	39.341	42.73	
76. 8.22	3	39.340	44.04	

10006 9.0 2.4027 +0.0011 + 7.090 +0.325 28°3344

72. 7.19	3	19 22 48.979	28 9 41.68	
78. 9.19	3	48.869	43.33	
80. 9. 7	2	49.024	42.10	
82.10. 2	3	49.000	42.74	

10007 9.3 2.4526 +0.0010 + 7.106 +0.332 26°3560

72. 8.23	2	19 23 0.661	26 21 50.86	
74. 8.18	3	0.482	51.53	
76. 8.11	3	0.505	50.80	

10008 8.7 2.3487 +0.0012 + 7.111 +0.317 30°3584

80. 9.13	3	19 23 4.609	30 3 46.32	
80. 9.18	2	4.632	45.59	
82. 8.21	·7	4.766	44.86	
82. 9. 7	2	4.476	46.58	

10009 9.0 2.3935 +0.0011 + 7.114 +0.323 28°3347

72. 8.20	3	19 23 6.781	28 30 0.85	+ 5′
80. 9. 8	2	6.716	1.97	Z.C. $\delta\,1''.3$
80. 9.16	2	6.762	1.02	Z.C. Ep. 79.7
81. 9.23	2	6.774	2.73	
82 8.15	2	6.678	0.11	

10010 $8^{m}.2$ $2^{s}.4170$ $+0^{s}.0011$ + $7''.122$ $+0''.326$ 27°3397

72. 7.22	3	$19^{h}23^{m}12^{s}.372$	$27^{\circ}\,39'\,60''.62$	− 1′
75. 8.16	3	12.294	60.67	
76. 8.14	3	12.186	60.94	
78. 8.15	3	12.052	59.29	
78. 8 26	3	12.101	61.51	

10011 9.1 2.3880 +0.0011 + 7.124 +0.322 28°3348

75.10. 6	3	19 23 13.679	28 41 56.80	
90. 9.15	7	13.679	57.44	

10012 8.5 2.3670 +0.0011 + 7.125 +0.319 29°3608

74. 9.12	3	19 23 14.974	29 26 14.72	c. d. l.
80. 9. 4	2	14.929	14.07	v. c. d. l.
81. 9.14	3	14.850	14.40	
82. 9. 8	3	15.002	13.60	
82. 9.23	3	14.837	14.23	

10013 9.2 2.4408 +0.0010 + 7.125 +0.330 26°3561

81.10. 5	3	19 23 14.996	26 48 22.88	
85. 9. 3	5	14.775	23.37	
87. 9. 6	5	15.056	22.83	

10014 7.1 2.3739 +0.0011 + 7.128 +0.320 29°3609

78. 9. 2	3	19 23 16.906	29 11 48.74	Z.C. $\delta\,47''.7$
78. 9.12	3	17.071	47.92	
79. 9. 3	2	16.979	47.72	
79. 9.27	3	16.956	47.02	
81. 9. 9	3	17.216	46.99	
82. 9. 9	3	17.026	47.61	

10015 9.0 2.4530 +0.0010 + 7.129 +0.331 26°3562

72. 8.23	3	19 23 17.371	26 21 43.07	
74. 8.18	3	17.211	42.70	
75. 8. 4	3	17.316	43.05	
76. 8.11	3	17.225	43.33	

10016 9.2 2.4282 +0.0010 + 7.130 +0 328 27°3398

78. 9. 6	3	19 23 18.423	27 16 2.82	
78. 9.18	3	18.502	2.58	
79. 8.28	3	18.687	1.46	
88. 9.14	5	18.488	2.77	+ 1^{m}
88. 9.19	5	18.581	2.50	

10017 9.3 2.3855 +0.0011 + 7.137 +0.322 28°3349

72. 8.17	3	19 23 23.174	28 47 41.67	Z.C. $\delta\,41''.7$
79. 9. 1	3	23.393	40.82	
80. 8.24	3	23.250	42.10	
80. 8.28	3	23.110	41.98	
82. 8.15	2	23.372	41.94	
86 9.10	5	23.334	41.50	− 1 int.

10018 9.5 2.3847 +0.0011 + 7.143 +0.322 28°3351

78. 9.20	2	19 23 27.591	28 49 29.63	Z.C. $\delta\,29''.1$
80. 9. 8	3	27.601	29.25	
81.10. 1	1	27.810	28.40	v. ft.

10019 9.0 2.4327 +0.0010 + 7.143 +0.329 27°3400

72. 8 12	3	19 23 27.749	27 6 35.19	
72. 8.19	3	27.764	34.03	

10020 8.7 2.4016 +0.0011 + 7.151 +0.324 28°3352

72. 8.14	3	19 23 33.796	28 13 48.35	
82. 8.21	2	33.761	48.90	
82. 9. 8	3	33.727	48.14	

10021 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.4438$ $+0^{\mathrm{s}}.0010$ + 7″.151 +0″.330 26°3563
78. 9.26 3 $19^{\mathrm{h}}23^{\mathrm{m}}33^{\mathrm{s}}.870$ 26° 42′ 35″.58 Z.C. δ 35″.5
79. 8.25 3 34.067 33.45
81. 9.14 2 34.306 35.87
82. 9. 7 2 33.916 36.98

10022 8.8 2.3920 +0.0011 + 7.164 +0.323 28°3353
72. 8.15 3 19 23 43.458 28 34 42.65
88. 8.29 5 43.442 41.80 s. of 2

10023 8.6 2.3527 +0 0012 + 7.167 +0.317 29°3610
73. 8.22 3 19 23 45.214 29 57 12.39
78. 9.23 3 45.567 13.97
80. 9.16 3 45.378 12.02

10024 9.0 2.3700 +0.0011 + 7.172 +0.320 29°3612
78. 9.11 3 19 23 49.483 29 21 22.44
80. 9. 4 2 49.302 22.55
80. 9.16 3 49.517 22.59

10025 9.2 2.4597 +0.0010 + 7.185 +0.332 26°3565
82. 9.25 3 19 23 58.888 26 8 25.21
85. 9. 4 5 58.777 24.65
87. 9. 7 5 59.021 23.96

10026 8.0 2.4178 +0.0011 + 7.192 +0.326 27°3404
78. 8.15 3 19 24 3.816 27 40 18.82
92. 8.25 7 3.881 20.79
92. 9. 5 7 3.900 21.75

10027 8.0 2.4511 +0.0010 + 7.198 +0.331 26°3566
79. 9. 4 2 19 24 8.306 26 27 35.23 Z.C. δ 35″.7
81. 9.19 3 8.181 35.86
81. 9.23 1 8.135 34.82
82. 8.15 2 8.059 36.87

10028 9.3 2.3937 +0.0011 + 7.199 +0.323 28°3356
72. 8.20 3 19 24 8.658 28 32 20.91 †

10029 8.5 2.4617 +0.0010 + 7.205 +0.332 26°3567
78. 8.27 3 19 24 13.096 26 4 32.22
79. 9. 4 3 13.276 33.96
82. 9. 9 3 13.134 33.60
82. 9.23 2 13.309 33.38
83. 8. 8 3 13.189 35.11

10030 8.3 2.3507 +0.0012 + 7.207 +0.317 30°3589
92. 8.20 7 19 24 14.930 30 2 25.02
92. 8.22 7 15.066 24.87

10031 9.4 2.3678 +0.0011 + 7 212 +0.319 29°3613
72. 9. 3 2 19 24 18.662 29 27 14.69
78. 9.12 3 18.730 14.28

10032 9.0 2.4272 +0.0010 + 7.212 +0.327 27°3405
78. 9. 6 3 19 24 18.793 27 20 34.03
82. 9. 7 1 18.763 35.30

10033 9.4 2.4643 +0.0010 + 7.213 +0.332 25°3850
79. 8.25 3 19 24 19.458 25 58 59.23 †

10034 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4915$ $+0^{\mathrm{s}}.0009$ + 7″.230 +0″.336 24°3764
84. 8.21 7 $19^{\mathrm{h}}24^{\mathrm{m}}31^{\mathrm{s}}.491$ 24° 58′ 11″.52
88. 9.26 5 31.644 12.83

10035 9.2 2.3592 +0.0011 + 7.234 +0.318 29°3614
78. 9.23 2 19 24 34.628 29 45 52.72
88. 9.22 5 34.619 52.70

10036 9.0 2.4342 +0.0010 + 7.242 +0.328 27°3407
72. 7.22 2 19 24 40.846 27 6 20.94
72. 8.12 3 40.532 20.85
72. 8.19 3 40.654 19.98

10037 9.5 2.3636 +0.0011 + 7.246 +0.318 29°3615
82.10. 2 3 19 24 43.225 29 36 57.19 †

10038 8.7 2.4713 +0.0010 + 7.259 +0.333 25°3855
78. 8.27 3 19 24 53.337 25 44 33.46
79. 9.27 3 53.278 34.16

10039 8.0 2.3966 +0.0011 + 7.263 +0.322 28°3363
72. 7.19 3 19 24 56.029 28 27 57.88
92. 9. 8 7 55.992 57.18
93. 7.24 7 55.992 57.19 p. of 2

10040 9.5 2.4493 +0.0010 + 7.263 +0.330 — —
93. 7.17 5 19 24 56.110 26 33 30.99 †

10041 9.5 2.4499 +0.0010 + 7.264 +0.330 26°3569
88. 9.21 5 19 24 57.190 26 32 22.69 †
95. 8.13 7 57.002 22.43 f. of 2
95. 8.14 7 57.038 22.92

10042 9.0 2.3803 +0.0011 + 7.273 +0.320 29°3617
78. 9.11 3 19 25 3.511 29 2 55.28
81. 9. 9 3 3.731 54.66

10043 9.3 2.3929 +0.0011 + 7.284 +0.322 28°3364
72. 8.15 2 19 25 11.197 28 36 29.30
72. 8.17 3 11.210 28.95
78. 9.19 3 11.299 29.43
79. 9. 1 3 11.333 29.62
80. 8.28 3 11.038 29.33
82. 8.15 1 11.232 29.37

10044 8.8 2.3583 +0.0011 + 7.287 +0.318 29°3618
80. 9. 4 3 19 25 13.852 29 49 24.44
82. 9. 9 3 13.827 24.27
82. 9.23 2 13.978 23.20

10045 9.5 2.3945 +0.0011 + 7.297 +0.322 — —
72. 8.14 3 19 25 20.819 28 33 27.73 †

10046 9.5 2.3691 +0.0011 + 7.297 +0.319 29°3619
80. 9.13 3 19 25 20.836 29 27 5.93 †

10047 8.3 2.4384 +0.0010 + 7.306 +0.328 26°3570
72. 8.23 3 19 25 27.841 26 58 48.47
78. 9.26 3 27.921 48.98
79. 8. 6 3 27.841 47.02
81. 9.14 3 27.856 48.32
82. 9. 8 3 28.036 47.88
83. 8.20 7 28.120 46.41
83. 8.21 7 27.971 48.53
83. 8.24 4 28.068 50.37

10048 8^{m}9 2^{s}4097 +0^{s}0011 + 7″312 +0″324 27°3409
78. 8.15 3 $19^{h}25^{m}32^{s}491$ 28° 1′ 9″66
82. 9.25 3 32.493 12.42

10049 Fundamental Star 27°3410

10050 9.4 2.3972 +0.0011 + 7.326 +0.322 — —
78. 9. 3 3 19 25 42.604 28 28 41.29 †

10051 9.0 2.3638 +0.0011 + 7.327 +0.318 29°3620
78. 9.12 3 19 25 42.777 29 39 6.22 Z.C.δ6″1
79. 9. 3 3 42.767 6.15
80. 8.24 2 42.860 5.58
80. 9. 7 3 42.840 6.27
81. 9.19 2 42.898 6.35

10052 6.7 2.4188 +0.0011 + 7.327 +0.325 27°3411
78. 9. 6 3 19 25 42.965 27 42 12.96
78. 9.18 3 42.833 13.69

10053 8.9 2.4291 +0.0010 + 7.335 +0.327 27°3412
80. 9.13 3 19 25 48.710 27 19 56.81
81. 9.23 3 48.662 56.21
81.10. 1 3 48.660 56.94
82. 8.21 3 48.593 54.97
82. 9. 7 2 48.380 57.83
82. 9. 9 3 48.745 57.72

10054 8.9 2.4028 +0.0011 + 7.336 +0.323 28°3367
72. 8.20 3 19 25 49.789 28 16 43.50
78. 9.20 3 49.741 45.68
83. 8.23 7 49.829 44.41

10055 8.3 2.3491 +0.0011 + 7.350 +0.315 30°3605
78. 9. 2 3 19 25 59.896 30 10 16.39
78. 9.11 3 59.945 16.22
78. 9.23 3 60.191 17.31

10056 8.7 2.4365 +0.0010 + 7.358 +0.328 27°3413
78. 9.18 3 19 26 5.774 27 4 28.76 Z.C.δ29″2
82. 9.23 2 5.998 28.94
83. 8. 8 3 5.999 30.13
83. 8.24 2 5.731 29.12

10057 8.3 2.3702 +0.0011 + 7.361 +0.318 29°3623
80. 8.28 3 19 26 8.365 29 26 46.88 s. p. of 2
83. 8.28 7 8.512 47.45 d. s. p.

10058 9.0 2.4249 +0.0011 + 7.363 +0.326 27°3414
78. 9. 6 3 19 26 9.103 27 30 0.79
82. 9. 8 2 9.330 2.00
83. 8.25 4 9.445 0.42

10059 8.9 2.4197 +0.0011 + 7.363 +0.325 27°3415
92. 8.25 6 19 26 9.342 27 41 21.13
92. 8.26 7 9.481 19.42

10060 9.1 2.4213 +0.0011 + 7.367 +0.325 27°3416
78. 8.15 3 19 26 12.579 27 37 55.92
80. 8.24 3 12.527 57.45
82.10. 2 3 12.586 57.02
88. 9.20 7 12.569 57.30

10061 8^{m}9 2^{s}4051 +0^{s}0011 + 7″369 +0″323 28°3370
72. 8.15 3 $19^{h}26^{m}14^{s}111$ 28° 12′ 58″03
82. 9.25 2 14.062 59.06

10062 6.5 2.4563 +0.0010 + 7.369 +0.330 26°3573
74. 8.18 3 19 26 14.486 26 21 12.17
78. 9 26 3 14.371 11.36
79. 8. 6 3 14.270 11.70
83. 8.10 7 14.468 11.23

10063 9.0 2.4348 +0.0010 + 7.376 +0.327 27°3417
72. 7.22 3 19 26 19.366 27 8 50.04
72. 8.12 3 19.248 51.04
72. 8.19 3 19.350 49.68
82. 8.15 2 19.456 48.75 + 5′

10064 9.5 2.3864 +0.0011 + 7.380 +0.320 28°3371
72. 8.17 3 19 26 22.027 28 53 9.40 †

10065 9.4 2.3576 +0.0011 + 7.385 +0.316 29°3625
78. 9. 3 2 19 26 25.815 29 53 38.95
78. 9.20 3 25.943 39.79
82. 9. 7 1 25.956 39.90

10066 8.0 2.3987 +0.0011 + 7.390 +0.322 28°3373
72. 8.14 3 19 26 29.948 28 27 10.30
79. 9. 1 3 30.056 11.18
79. 9. 3 2 29.854 12.14
82. 9. 9 1 29.732 12.31
82. 9.23 1 29.936 11.25

10067 7.7 2.4465 +0.0010 + 7.391 +0.328 26°3574
79. 9.27 3 19 26 30.454 26 43 22.04 Z.C.δ22″1
81. 9. 9 3 30.651 22.11

10068 8.8 2.3536 +0.0011 + 7.421 +0.316 30°3611
72. 9. 3 3 19 26 52.629 30 3 13.29 Z.C.δ13″6
75. 9.29 1 52.767 13.42
79. 9. 8 1 52.659 13.29 -5^{s}
81. 9.14 3 52.682 14.53
82. 8.21 2 52.567 12.65
82.10. 2 1 52.833 14.18

10069 6.7 2.4844 +0.0009 + 7.424 +0.333 25°3864
73. 9.25 3 19 26 54.417 25 19 47.72 Z.C.δ47″3
76. 9.21 3 54.412 47.92
78. 8.27 3 54.401 47.05
79. 8.25 3 54.455 46.37

10070 9.0 2.3873 +0.0011 + 7.426 +0.320 28°3375
72. 7.19 3 19 26 56.267 28 52 44.13
72. 8.14 3 56.391 44.14
72. 8.20 3 56.528 42.50

10071 9.5 2.3831 +0.0011 + 7.428 +0.320 28°3376
81. 9.23 2 19 26 57.642 29 1 40.25 Z.C.δ41″0
88. 9.21 5 57.741 41.52
88. 9.22 5 57.880 41.29

10072 8.0 2.3575 +0.0011 + 7.433 +0.316 29°3628
73. 9.20 3 19 27 1.320 29 55 23.70
74. 9.12 3 1.297 21.74
78. 9.11 3 1.249 23.40

10073 9^{m}5 2^{s}3872 +0^{s}0011 + 7″437 +0″320 — —

72. 8.15	3	19^h	27^m	4^{s}195	28°	53′	7″67	†

10074 8.2 2.4121 +0.0011 + 7.437 +0.323 27°3421

78. 9.19	3	19	27	4.305	28	0	4.79	c.d.s.
81.10. 1	3			4.207			7.23	
84. 8.21	7			4.241			4.98	c.d.s.

10075 8.9 2.3694 +0.0011 + 7.444 +0.318 29°3629

74. 9. 4	3	19	27	9.676	29	30	59.50	
78. 9.12	2			9.740			60.57	
78. 9.20	1			9.716			59.99	

10076 8.8 2.4314 +0.0010 + 7.454 +0.326 27°3423

92. 8.20	4	19	27	17.098	27	18	30.62	w. 4 ∸ 1^s
92. 8.22	4			17.167			29.83	

10077 8.9 2.4893 +0.0009 + 7.459 +0.334 25°3868

75. 9. 6	3	19	27	20.112	25	9	31.42	Z.C. δ 31″1
77. 8.21	3			20.248			31.25	
77. 9.11	3			20.079			30.63	

10078 9.2 2.4210 +0.0011 + 7.459 +0.324 27°3424

78. 8.26	2	19	27	20.359	27	41	28.06	− 10^s
78. 9.18	2			20.565			27.48	
80. 8.24	2			20.590			26.10	
80. 9. 4	2			20.409			27.33	
80. 9. 7	3			20.560			27.61	

10079 8.8 2.4219 +0.0011 + 7.460 +0.324 27°3425

74. 9. 2	3	19	27	21.165	27	39	21.52	
78. 9. 6	2			21.085			23.49	
79. 8.26	2			21.375			22.90	
79. 9. 1	3			21.434			21.95	
80. 9. 4	3			21.235			23.59	
80. 9. 7	2			21.245			21.69	

10080 9.0 2.4635 +0.0010 + 7.464 +0.330 26°3578

72. 8.23	3	19	27	24.027	26	7	49.27	
73. 9.16	2			24.066			49.60	
78. 9.26	3			23.962			48.75	
79. 8.25	3			24.219			46.28	

10081 8.8 2.4357 +0.0010 + 7.467 +0.326 27°3426

72. 8.12	3	19	27	26.188	27	9	27.83	
72. 9.20	3			26.145			27.52	
73. 9. 4	3			26.124			28.94	

10082 9.1 2.3680 +0.0011 + 7.481 +0.317 29°3633

73. 8. 7	3	19	27	36.362	29	35	6.54	
78. 9. 2	2			36.529			6.90	
79. 9.20	2			36.508			6.35	

10083 9.2 2.4649 +0.0010 + 7.492 +0.330 26°3579

73. 9.16	2	19	27	44.946	26	5	37.00	
81. 9.26	3			45.070			35.65	
81. 9.28	3			44.980			36.48	
81. 9.30	3			44.942			36.96	

10084 9.1 2.3538 +0.0011 + 7.495 +0.315 30°3620

75. 9.29	1	19	27	47.253	30	5	13.36	
78. 9.23	3			47.393			13.51	

10085 9^{m}1 2^{s}3823 +0^{s}0011 + 7″497 +0″319 29°3636

72. 8.28	2	19^h	27^m	48^{s}346	29°	5′	29″30	Z.C. α 48^{s}50
72. 9. 3	3			48.449			29.45	
78. 9. 3	3			48.470			29.07	− 30′
78. 9.11	1			48.749			28.45	

10086 9.0 2.4657 +0.0010 + 7.509 +0.330 26°3580

72. 8.23	3	19	27	57.493	26	4	19.33	Z.C. δ 19″1
72. 8.27	2			57.479			19.06	
76. 8.11	3			57.178			18.66	
81. 9.30	1			57.255			19.33	

10087 9.0 2.4682 +0.0010 + 7.521 +0 330 25°3872

73. 8. 5	3	19	28	6.622	25	59	1.48	Z.C. α 6^{s}66
73. 8. 9	3			6.717			2.30	
73. 9 25	3			6.697			1.27	
76 8. 9	3			6.611			0.99	− 1 int.

10088 9.1 2.3972 +0.0011 + 7.522 +0.321 28°3378

72. 7.19	3	19	28	7.008	28	34	29.58	
72. 8.17	3			6.875			28.33	
75. 9.15	3			6.848			29.99	
76. 8.16	3			6.971			29.69	

10089 8.4 2.4375 +0.0010 + 7.522 +0.326 27°3428

74. 8.25	3	19	28	7.038	27	7	14.19	
74. 9. 2	2			6.933			12.31	
75. 8.27	3			6.881			12.78	
75. 9 20	3			7.194			13.13	
78. 9.16	2			7.155			12.83	

10090 8.9 2.4062 +0.0011 + 7.524 +0.322 28°3379

92. 8.20	4	19	28	8.390	28	15	21.82	
92. 8.22	5			8.548			19.93	

10091 8.9 2.4622 +0.0010 + 7.527 +0.329 26°3582

73. 8. 6	3	19	28	10.706	26	12	36.03	
73. 8.25	2			10.664			38.22	
76. 8.22	3			10.443			36.76	w. 4−4^s
84. 8.23	7			10.651			37.57	
84. 8.29	7			10.581			36.35	
84. 9. 5	7			10.568			36.08	
85. 9. 4	7			10.616			36.08	
86. 9.10	7			10.690			35.09	

10092 9.2 2.4619 +0.0010 + 7.528 +0.329 26°3583

73. 8.25	2	19	28	11.884	26	13	18.04	
76. 8.22	1			11.752			17.64	
88. 9.26	5			11.937			18.22	

10093 9.0 2.4333 +0.0010 + 7.530 +0.326 27°3429

72. 7.22	3	19	28	13.198	27	16	38.63	Z.C. α 13^{s}10
72. 8.19	3			12.960			37.65	
72. 9.20	2			13.134			37.59	
75. 9. 3	3			13.024			37.78	− 20′
76. 8.25	3			13.282			38.07	
78. 8.15	3			13.001			36.49	

10094 8.3 2.4281 +0.0010 + 7.533 +0.325 27°3430

81. 9.23	1	19	28	15.190	27	28	15.65	Z.C. δ 15″5
86. 8.30	7			15.490			14.97	
88. 9 14	5			15.354			15.77	

10095 $8^{m}.8$ $2^{s}.3730$ $+0^{s}.0011$ + 7″.537 +0″.317 29°3639

72. 9. 5	2	$19^{h}28^{m}18^{s}.253$	29° 26′ 30″.59	
73. 8.22	3	18.187	30.78	
73. 8.22	2	18.347	31.11	
75. 8.25	3	18.386	30.78	
82. 9.22	3	18.272	29.39	

10096 9.1 2.4946 +0.0009 + 7.541 +0.334 24°3777

81.10. 5	3	19 28 21.311	24 59 59.32	
84. 9.11	7	21.252	58.41	
84. 9.12	5	21.515	57.56	

10097 9.2 2.3534 +0.0011 + 7.544 +0.315 30°3624

76. 8.17	2	19 28 23.704	30 7 39.73	†

10098 9.5 2.4113 +0.0011 + 7.562 +0.322 — —

73. 8.15	3	19 28 36.405	28 5 24.28	f. of 2
73. 9. 1	3	36.636	24.71	
90. 9. 5	7	36.525	23.56	
90. 9.13	3	36.360	23.19	

10099 9.0 2.4854 +0.0009 + 7.565 +0.332 25°3873

73. 9.25	1	19 28 38.371	25 21 29.28	
74. 9.14	3	38.471	28.64	
75. 8.31	3	38.496	28.88	
75. 9. 6	3	38.506	28.88	
76. 9.21	3	38.629	28.82	
76. 9.23	3	38.462	29.52	

10100 8.8 2.3817 +0.0011 + 7.568 +0.318 29°3642

73. 8.30	3	19 28 41.419	29 9 3.76	
73. 9.20	3	41.280	2.41	
75. 9.14	3	41.146	2.15	

10101 8.8 2.3561 +0.0011 + 7.569 +0.315 30°3629

74. 8.22	3	19 28 41.897	30 2 43.39	
74. 9. 4	3	41.812	42.47	
75. 8.26	3	41.800	42.88	
81.10. 1	3	41.842	44.25	

10102 7.6 2.4741 +0.0010 + 7 582 +0.331 25°3875

73. 8.21	3	19 28 51.153	25 47 31.11	
75. 9.16	3	51.173	29.05	
75. 9.18	3	51.198	30.34	
79. 9.15	3	51.339	30.51	
79. 9.27	3	51.150	30.15	
79.10.10	3	51.233	28.80	
80. 8.31	2	51.368	29.09	

10103 7.0 2.4809 +0.0010 + 7.583 +0.332 25°3876

74. 7.24	3	19 28 51.961	25 32 8.15	Z.C. δ 9″.1
75. 8.31	3	52.098	9.69	
77. 9.11	3	52.083	9.43	

10104 9.0 2.4137 +0.0011 + 7.586 +0.323 27°3433

85. 9.24	2	19 28 54.424	28 0 58.76	
92. 9. 5	5	54.611	61.07	w. 1 + 1^{s}

10105 9.3 2.4198 +0.0011 + 7.592 +0.323 — —

80. 8.28	2	19 28 58.746	27 47 57.31	†
80. 8.28	2	58.836	58.59	

10106 9.5 2.4254 +0.0011 + 7.594 +0.324 — —

80. 9.18	3	19 29 0.025	27 35 54.05	†

10107 $9^{m}.6$ $2^{s}.3960$ $+0^{s}.0011$ + 7″.594 +0″.320 28°3389

72. 8.14	3	$19^{h}29^{m}\ 0^{s}.493$	28° 39′ 19″.32	
72. 8.15	3	0.436	18.52	
72. 8.20	3	0.229	17.84	
79. 9. 3	3	0.518	18.88	

10108 7.3 2.4931 +0.0009 + 7.597 +0.333 25°3877

74. 9.14	3	19 29 2.402	25 4 56.47	
75. 9 16	3	2.331	55.89	
75. 9.18	3	2.456	55.87	
88. 9.13	5	2.381	55.39	

10109 9.4 2.4046 +0.0011 + 7.598 +0.321 — —

77. 8.15	1	19 29 2.976	28 21 6.86	† Z.C. δ 6″.9

10110 9.1 2.4043 +0.0011 + 7.607 +0.321 28°3393

75. 8.18	3	19 29 9.834	28 21 60.60	Z.C. δ 0″.3
76. 8.16	2	9.979	60.51	
77. 8.15	3	9.806	59.79	
86. 9. 7	7	9.788	60.33	

10111 8.2 2.4105 +0.0011 + 7.607 +0.322 28°3392

73. 9. 1	3	19 29 10.193	28 8 40.29	
74. 9.24	3	10.098	39.81	
75.10. 6	2	10.084	39.87	
88. 9.22	5	10.138	40.80	

10112 8.7 2.4873 +0.0009 + 7.612 +0.332 25°3879

72. 9.13	3	19 29 13.966	25 18 47.02	
73. 8. 5	3	13.948	47.43	+ 1′
77. 8.21	3	14.218	47.15	
79. 8.25	3	14.005	45.28	
81. 9.26	3	13.908	47.78	
81. 9.28	2	14.057	48.57	
82.10. 2	3	14.021	48.06	

10113 8.5 2.4341 +0.0010 + 7.619 +0.325 27°3435

72. 8.12	3	19 29 18.888	27 17 43.32	
72. 8.19	3	19.129	41.50	
73. 9. 4	3	19.065	42.57	
74. 8.25	3	18.901	42.13	
75. 8.27	3	18.860	41.56	
75. 9. 3	3	18.930	42.29	
75. 9.20	3	19.102	41.91	
76. 8.14	3	18.949	42.39	
78. 9.19	2	19.017	42.69	
78. 9.19	2	18.957	42.16	
79. 9. 4	3	19 080	42.14	v. ft. at w. 4

10114 9.0 2.4658 +0.0010 + 7.625 +0.329 26°3591

73. 8.14	3	19 29 23.010	26 7 44.45	Z.C. δ 44″.1
73. 9.16	3	23.149	44.53	
75. 8.26	3	23.055	44.66	
81. 9.19	1	23.010	44.58	− 1 int.
88.10. 3	7	23.209	42.14	

10115 9.0 2.4044 +0.0011 + 7.625 +0.321 28°3394

75. 8.18	2	19 29 23.064	28 22 24.77	
76. 8.25	3	23.202	24.38	

10116 9.3 2.4496 +0.0010 + 7.627 +0.327 26°3592

74. 7.27	2	19 29 24.835	26 43 43.02	
74. 8.18	3	24.672	43.99	
77. 8.30	3	24.711	43.91	
88. 9.20	5	24.690	42.96	

10117 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.3861$ $+0^{\mathrm{s}}.0011$ + 7″.643 +0″.318 28°3397

77. 9. 8	3	19^{h}	29^{m}	$36^{\mathrm{s}}.470$	29°	1′	57″.85	s.f. of 2
78. 9.20	3			36.447			57.73	
78. 9.23	3			36.596			58.06	

10118 8.7 2.4990 +0.0009 + 7.645 +0.333 24°3785

73. 8. 9	3	19	29	37.963	24	52	48.25	
80. 9. 8	3			37.973			47.81	
80. 9.13	3			38.054			48.46	
80. 9.16	2			37.866			48.51	
88. 9.21	5			38.018			49.62	

10119 9.2 2.4802 +0.0010 + 7.645 +0.331 25°3880

81.10. 5	3	19	29	38.331	25	35	42.62	
84. 9.17	5			38.165			43.30	
84. 9.18	5			38.131			42.08	

10120 9.0 2.3974 +0.0011 + 7.647 +0.320 28°3398

72. 8.17	3	19	29	40 180	28	38	10.11	
74. 9.24	3			40.061			10.42	
78. 8.15	3			40.135			9.14	
78. 8.26	3			40.210			11.02	
78. 9. 2	3			40.081			11.04	
78. 9. 3	3			40.147			11.33	
79. 9. 3	3			40.358			11.26	

10121 8.8 2.4757 +0.0010 + 7.648 +0.330 25°3881

75. 9. 9	2	19	29	40.390	25	46	7.64	
76. 8. 9	3			40.366			7.90	
76. 8.21	3			40.289			8.56	
80. 8.31	2			40.415			7.87	
81. 9. 9	3			40.566			7.30	
81. 9.14	3			40.388			8.40	
81. 9.15	3			40.488			8.05	

10122 8.3 2.3906 +0.0011 + 7.650 +0.319 28°3399

73. 8.15	2	19	29	41.652	28	52	46.68	
77. 8.31	3			41.590			47.79	
78. 9. 6	3			41.506			47.11	

10123 9.2 2.4046 +0.0011 + 7.653 +0.321 — —

76. 8.16	3	19	29	43.906	28	22	50.25	†

10124 9.4 2.4108 +0.0011 + 7.659 +0.321 28°3400

82. 9.25	3	19	29	48.611	28	9	36.85	
85. 9.15	7			48.662			36.02	
85. 9.18	7			48.581			37.46	

10125 9.5 2.4273 +0.0011 + 7.660 +0.324 — —

75. 9. 3	1	19	29	49.649	27	33	53.54	†

10126 9.4 2.4261 +0.0011 + 7.661 +0.324 — —

80. 9. 4	3	19	29	50.335	27	36	29.11	
80. 9 18	3			50.345			28.59	

10127 6.9 2.4441 +0.0010 + 7.664 +0.326 26°3594

72. 8.23	3	19	29	53.033	26	57	2.69	Z.C. δ 2″.6
74. 8.28	3			52.781			3.85	
74. 9. 9	3			52.870			2.06	
75. 8.25	3			52.811			2.70	
76. 8.11	3			52.815			2.84	
77. 9. 4	3			52.780			1.62	

10128 $5^{\mathrm{m}}.9$ $2^{\mathrm{s}}.3821$ $+0^{\mathrm{s}}.0011$ + 7″.665 +0″.317 29°3651

72. 9. 3	3	19^{h}	29^{m}	$52^{\mathrm{s}}.898$	29°	11′	22″.39	
72. 9. 5	3			53.053			21.44	
73. 8. 7	3			52.906			22.40	
75. 8.30	3			52.952			21.41	
75. 9.14	3			53.032			20.93	
76. 8.17	3			52.877			21.81	
76.10. 7	3			52.985			21.55	

10129 9.0 2.3756 +0.0011 + 7.671 +0.317 — —

74. 9 4	3	19	29	57.360	29	25	20.24	
90. 9.15	7			57.310			20.34	

10130 8.6 2.4761 +0.0010 + 7.671 +0.330 25°3883

74. 9.14	2	19	29	57.749	25	45	50.68	Z.C. δ 50″.7
75. 9. 6	3			57.708			50.46	
75. 9. 9	2			57.720			50.53	
76. 8. 9	2			57.946			50.52	
76. 8.21	3			57.669			50.49	
78. 8.27	3			57.591			50.62	
78. 9.13	3			57.785			50.57	
78. 9.26	3			57.672			51.18	
79. 9. 8	3			57.698			50.24	
79. 9.15	3			57.784			50.83	
79. 9.27	3			57.736			50.94	
79.10.10	3			57.656			50.58	
80. 8.31	2			57.544			51.32	
81. 9.14	2			57.596			51.43	
81. 9.15	3			57.676			49.97	

10131 9.3 2.3890 +0.0011 + 7.673 +0.318 28°3401

73. 9. 1	2	19	29	59.291	28	56	58.20	
75. 9.15	3			59.284			57.39	
78. 9. 2	3			59.193			58.59	
87. 9. 6	7			59.166			58.60	

10132 8.2 2.4769 +0.0010 + 7.675 +0.330 25°3884

74. 8.20	3	19	30	0.361	25	44	7.94	
75. 8.31	3			0.486			8.03	
76. 9.21	3			0.531			7.77	
77. 8.21	1			0.692			8.23	
78. 8 27	3			0.558			7.83	
79 9. 8	2			0.565			7.74	
79. 9.27	3			0.411			8.96	
88. 9.19	5			0.447			8.61	

10133 8.8 2.3929 +0.0011 + 7.676 +0.319 28°3402

72. 7.19	3	19	30	0.873	28	48	48.96	
75.10. 6	2			0.993			47.38	
78. 8.26	1			1.037			48.90	
86. 9.15	5			0.989			46.54	
87. 9.22	5			1.048			48.70	

10134 8.1 2.3732 +0.0011 + 7.680 +0.316 29°3653

72. 8.28	3	19	30	4.121	29	30	37.64	
72. 9. 3	3			4.170			37.19	
74. 9.12	3			4.083			36.73	

10135 9.2 2.4975 +0.0009 + 7.683 +0.333 24°3791

81. 9.23	3	19	30	6.593	24	57	21.55	
81. 9.28	2			6.428			22.81	
81.10. 1	3			6.624			22.34	
82 9.22	3			6.567			21.39	

10136 $9^m.5$ $2^s.3961$ $+0^s.0011$ $+$ $7''.688$ $+0''.319$ — —

72. 8.17	1	19^h30^m $9^s.815$	$28^\circ 42'$ $8''.32$	
92. 9.10	3	9.710	8.24	

10137 8.7 2.4033 +0.0011 + 7.689 +0.320 28°3404

74. 9.24	3	19 30 10.730	28 26 52.27	
75.10. 6	1	10.864	51.78	
77. 9. 1	3	10.785	52.71	
87. 9.28	5	11.001	51.86	

10138 9.0 2.4691 +0.0010 + 7.693 +0.329 25°3885

73. 8.21	3	19 30 13.419	26 1 58.71	Z.C. δ $58''.6$
76. 9.23	3	13.919	59.06	ex. ft.
78. 9.26	3	13.460	59.51	
79. 8.25	2	13.776	56.15	
79.10. 1	3	13.497	58.86	
79.10.10	1	13.411	58.34	
80. 9. 3	3	13.487	59.10	
81. 9.26	3	13.646	59.29	
84. 9.10	7	13.370	58.03	

10139 9.0 2.4986 +0.0009 + 7.697 +0.333 24°3793

88. 9.17	7	19 30 16.595	24 55 27.08	
92. 8.20	6	16.520	27.27	
92. 9. 5	6	16.603	27.56	

10140 8.6 2.4272 +0.0011 + 7.699 +0.323 27°3437

72. 9.20	3	19 30 17.968	27 35 24.13	
75. 8.16	3	18.076	23.12	
76. 8.14	3	17.998	23.45	
80. 9.18	1	18.088	23.75	
86. 9. 9	7	17.860	23.69	

10141 9.0 2.4998 +0.0009 + 7.703 +0.333 24°3795

88. 9.14	7	19 30 21.360	24 52 44.95	
92. 8.25	7	21.438	46.01	
92. 9. 8	7	21.504	45.79	
93. 7.17	7	21.209	45.69	

10142 8.8 2.4260 +0.0011 + 7.705 +0.323 27°3438

72. 8.12	3	19 30 23.070	27 38 7.92	
72. 9.20	1	23.213	9.47	
74. 9. 2	3	22.806	5.96	
75. 8.27	3	22.931	7.24	
75. 9.20	3	23.053	8.03	
78. 9.16	3	22.999	8.04	

10143 9.4 2.3657 +0.0011 + 7.708 +0.315 — —

73. 8.22	2	19 30 24.848	29 47 22.01	
90. 9.12	7	24.847	21.30	

10144 8.0 2.4479 +0.0010 + 7.711 +0.326 26°3599

72. 8.27	3	19 30 27.498	26 50 1.91	
73. 8. 6	3	27.424	1.91	
73. 8.14	3	27.424	2.87	
73. 8.25	3	27.481	2.41	

10145 9.3 2.4977 +0.0009 + 7.714 +0.333 24°3796

81.10. 5	2	19 30 29.385	24 57 52.47	
84. 9.22	7	29.292	51.13	
84. 9.25	7	29.261	52.83	
84.10. 4	7	29.237	52.79	

10146 $8^m.3$ $2^s.3657$ $+0^s.0011$ $+$ $7''.716$ $+0''.315$ 29°3655

73. 8.22	3	$19^h30^m30^s.727$	$29^\circ 47'$ $35''.76$	
73. 9.20	3	30.845	36.02	
75. 8.26	3	30.701	35.85	
75. 9.14	3	30.879	34.64	
75. 9.29	3	30.783	36.62	
78. 9.12	3	30.597	34.95	
78. 9.12	3	30.687	36.36	

10147 9.2 2.4858 +0.0009 + 7.721 +0.331 25°3888

81. 9.23	1	19 30 34.524	25 25 12.90	Z.C. δ $13''.2$
81. 9.30	3	34.739	14.18	
84. 9.12	7	34.626	12.55	

10148 8.1 2.4995 +0.0009 + 7.721 +0.333 24°3797

73. 8. 5	3	19 30 34.739	24 53 56.08	
73. 8. 9	3	34.692	57.99	
73. 9.25	1	34.642	56.90	
79. 9.15	3	34.796	57.55	
80. 9. 3	2	34.574	57.62	

10149 8.9 2.3751 +0.0011 + 7.723 +0.316 29°3656

74. 8.22	3	19 30 36.276	29 28 5.85	c. d. p.
76.10. 7	3	36.443	5.35	ex. ft.
86. 9.11	7	36.336	5.18	c. d. n. p.

10150 7.5 2.4828 +0.0010 + 7.725 +0.331 25°3889

84. 8.19	7	19 30 37.505	25 32 19.19	
84. 8.21	7	37.594	19.35	
85. 9.26	5	37.527	18.05	

10151 8.1 2.3567 +0.0011 + 7.731 +0.314 30°3646

73. 8.30	3	19 30 42.178	30 6 54.38	
74. 8.29	3	42.334	54.05	
74. 9. 4	3	42.155	53.80	
85.10.15	5	42.146	53.89	
86. 9.18	5	42.109	54.89	
86. 9.22	5	42.283	55.38	
86. 9.30	5	42.149	55.44	

10152 8.5 2.4901 +0.0009 + 7.742 +0.332 25°3891

72. 9.13	3	19 30 50.399	25 16 13.96	
79.10. 9	3	50.239	13.50	
80. 8 31	2	50.180	13.97	
80. 9. 7	2	50.328	13.69	
85.10. 1	5	50.143	14.01	
88. 9.13	5	50.267	13.56	

10153 9.1 2.4164 +0.0011 + 7.743 +0.322 27°3441

72. 8.20	3	19 30 51.213	28 0 10.61	
84. 8.29	5	50.876	10.79	

10154 8.5 2.4650 +0.0010 + 7.745 +0.328 26°3601

76. 8.22	3	19 30 52.391	26 12 59.81	
81.10. 1	3	52.526	60.62	
85.10. 3	5	52.233	59.34	
86.10. 2	5	52.466	58.92	
86.10. 8	7	52.478	59.74	
87. 9. 8	7	52.402	61.53	

10155 9.3 2.3971 +0.0011 + 7.746 +0.319 28°3406

72. 8.14	3	19 30 53.091	28 41 58.72	Z.C. δ $58''.1$
72. 8.15	3	53.214	57.50	
77. 8.31	3	53.039	58.23	
79. 9. 3	2	53.146	57.83	

10156 $9^m.3$ $2^s.4269$ $+0^s.0011$ $+7''.750$ $+0''.323$ — —

80 9. 4	3	$19^h\,30^m\,56^s.195$	$27^\circ\,37'\,29''.85$	†

10157 9.0 2.4590 +0.0010 + 7.751 +0.327 26°3602

73. 9.16	3	19 30 56.982	26 26 30.77	
74. 7.27	2	56.564	29.64	
76. 8.11	3	56.934	30.50	
90. 9.25	5	57.014	32.74	
90. 9.29	7	56.757	32.02	

10158 8.9 2.4971 +0.0009 + 7.752 +0.333 24°3799

79. 8. 6	3	19 30 57.833	25 0 33.90	
79. 9.27	2	57.916	34.91	
80. 9. 7	2	57.750	34.40	
85.10. 8	7	57.947	34.10	w. 5 − 4^s

10159 8.3 2.4451 +0.0010 + 7.756 +0.325 26°3603

74. 8.18	3	19 31 0.923	26 57 27.97	
74. 8.28	3	0.720	28.82	
75. 8.25	3	0.808	27.15	
77. 9. 4	3	0.977	26.67	

10160 9.0 2.3852 +0.0011 + 7.760 +0.317 29°3658

72. 9. 3	2	19 31 3.431	29 7 45.63	
73 8. 7	3	3.279	46.37	
74. 9.12	3	3.235	45.58	
75. 8.26	3	3.333	46.58	
88. 9.26	5	3.352	45.30	

10161 9.5 2.3608 +0.0011 + 7.768 +0.314 29°3659

72. 9. 5	1	19 31 9.425	29 59 39.22	
73. 9.20	3	9.455	39.58	
76. 8.17	3	9.375	39.08	
88. 9.20	5	9.463	38.88	

10162 9.2 2.4606 +0.0010 + 7.770 +0.327 26°3605

72. 8 23	3	19 31 11.016	26 23 35.54	Z.C. $\alpha 10^s.78$
95. 8.12	7	10.746	36.23	
95. 8 13	7	10.666	36.52	
95. 8.14	7	10.688	36.58	

10163 9.0 2.4526 +0.0010 + 7.771 +0.326 26°3606

73. 8.14	3	19 31 11.620	26 41 23.25	Z.C. $\delta 23''.3$
74. 9. 9	3	11.631	22.69	
77. 9. 4	3	11.717	24.02	
86.10. 6	5	11.792	23.29	

10164 9.2 2.4587 +0.0010 + 7.772 +0.327 — —

73. 8.11	3	19 31 12.434	26 27 48.61	
73. 9.16	2	12.461	48.54	
86.10. 4	5	12.449	47.88	

10165 9.1 2.3737 +0.0011 + 7.774 +0.316 29°3660

82. 9.25	3	19 31 13.714	29 32 40.36	
84. 9.20	7	13.724	39.42	
85. 9. 1	7	13.725	39.23	

10166 $9^m.0$ $2^s.5007$ $+0^s.0009$ $+7''.774$ $+0''.333$ 24°3802

74. 9.14	2	$19^h\,31^m\,14^s.016$	$24^\circ\,52'\,47''.28$	
75. 8.31	1	13.881	48.26	
75 9. 6	3	14.031	47.79	
75. 9. 9	1	13.643	47.45	
75 9 16	3	13.858	48.32	
75. 9.18	2	13.803	48.20	
76. 8. 9	2	14.059	47.81	
76. 9.21	3	13.955	47.25	
76. 9.23	2	14.336	48.75	
79 8.25	3	14.083	45.60	
79.10. 1	3	14.306	49.02	
79.10. 9	3	13.957	48.10	
80. 9. 8	3	14.055	47.45	
80. 9. 8	2	13.895	47.66	
80. 9.13	3	14.037	49.38	
80. 9.16	3	14.089	47.87	
81 9.26	2	14.006	48.85	

10167 8.6 2.4607 +0.0010 + 7.776 +0.327 26°3608

72. 8.23	2	19 31 15.656	26 23 31.51	
73. 8. 6	3	15.368	31.75	
74. 7.27	1	15.505	31.40	
77. 8.30	3	15.358	32.12	
90. 9.24	7	15.503	30.24	
90. 9.27	5	15.451	31.21	

10168 9.1 2.3641 +0.0011 + 7.778 +0.314 29°3661

84. 9.11	5	19 31 16.758	29 53 11.20	-1^m
84. 9.17	3	16.941	10.98	
84. 9.18	5	16.952	11.61	

10169 9.3 2.3959 +0.0011 + 7.787 +0.318 — —

78. 9.23	3	19 31 24.008	28 46 0.76	†

10170 9.2 2.3807 +0.0011 + 7.788 +0.316 29°3664

81. 9.19	2	19 31 24.069	29 18 17.49	Z.C. $\delta 17''.9$
88. 9.22	7	24.081	18.32	

10171 9.2 2.3599 +0.0011 + 7.793 +0.314 30°3652

73. 8.30	3	19 31 27.660	30 2 35.90	
74. 8.22	3	27.853	35.61	
78. 9.20	3	27.854	35.27	$+1^m$
88.10. 3	5	27.980	34.96	

10172 9.2 2.4219 +0.0011 + 7.796 +0.321 27°3443

80. 8.28	3	19 31 30.143	27 50 1.33	
80. 8.28	2	30.203	2.10	

10173 9.1 2.3671 +0.0011 + 7.796 +0.315 29°3666

81. 9.30	3	19 31 30.328	29 47 20.92	
85. 9. 3	5	30.339	21.75	

10174 9.0 2.4977 +0.0009 + 7.801 +0.332 24°3810

73. 8.21	3	19 31 34.268	25 0 37.29	
74. 7.24	2	34.385	35.00	
78. 9.26	2	34.266	36.89	
79. 8. 6	2	34.439	36.77	
79. 9. 8	3	34.359	36.19	
79. 9.15	2	34.212	36.16	
79. 9.27	1	34.397	37.15	
79.10.10	2	34.338	36.17	
80. 9. 7	2	34.302	37.68	
80. 9.13	3	34.333	38.00	
81. 9. 9	2	34.663	37.10	§ -1^m

10175 $8^m.0$ $2^s.4282$ $+0^s.0011$ + $7''.808$ $+0''.323$ $27^\circ 3444$

72. 8.19	3	$19^h 31^m 39^s.084$	$27^\circ 36' 22''.27$	
72. 9 20	2	38.994	23.69	
74 8 24	3	38.959	23.23	
78. 8.15	3	38.949	22.04	
78. 9.19	3	38.897	23.65	
80. 9. 4	3	39.044	23.28	
80. 9.18	2	38.951	23.21	
85. 9.24	5	38.873	22.06	

10176 9.5 2.4605 +0.0010 + 7.812 +0.327 $26^\circ 3611$

76. 8.22	3	19 31 42.424	26 25 4.30	†

10177 9.3 2.4301 +0.0011 + 7.829 +0.323 $27^\circ 3445$

72. 7.30	3	19 31 55.143	27 32 53.21	
72. 8.19	1	54.798	53.40	
73. 9. 4	3	54.937	56.14	
74. 8.24	3	54.780	55.80	
74. 9. 2	3	54.954	55.96	
75. 8.16	3	54.861	56.13	
75. 9. 3	3	54.831	55.93	
75. 9.20	3	54 921	56.69	
76. 8.14	3	54.859	56.01	
78. 9.18	3	54.931	55.70	

10178 7.9 2.3603 +0.0011 + 7.832 +0.314 $30^\circ 3658$

72. 8.28	3	19 31 57.127	30 2 46.92	
72. 9. 3	1	57.306	46.35	
75. 8.30	3	57.034	45.39	
76.10 7	1	57.258	46.54	+ 1 int.
78. 9.11	3	57.056	46 08	
78. 9.11	2	57.056	46.41	
86. 9.15	7	57.132	45.41	

10179 8.7 2.4944 +0.0009 + 7.835 +0.331 $25^\circ 3893$

72. 9.13	3	19 31 59.586	25 9 6.78	
73. 8. 9	3	59.509	7.77	
77. 9.11	3	59.553	6.42	
78. 8.27	3	59.417	6.20	
88. 9.19	5	59.573	6.62	

10180 9.3 2.3686 +0.0011 + 7.843 +0.315 $29^\circ 3669$

81. 9.23	2	19 32 5.556	29 45 50.49	† Z.C.δ $50''.5$

10181 8.4 2.4754 +0.0010 + 7.845 +0.329 $25^\circ 3895$

73. 8. 5	3	19 32 6.459	25 52 32.25	
75. 9. 6	2	6.512	30.90	
75. 9.16	3	6.500	30.46	
76. 8.21	3	6.445	31.05	
87. 9.28	7	6.624	31 13	

10182 8.4 2.4206 +0.0011 + 7.845 +0.321 $27^\circ 3446$

74. 8.25	3	19 32 6.813	27 54 30.04	
75. 9.20	3	6.898	30.18	
76. 9. 7	3	7.001	31.46	

10183 9.0 2.4688 +0.0010 + 7.846 +0.328 $26^\circ 3614$

72. 8.27	3	19 32 7.772	26 7 28.04	
73. 8.25	3	7.814	28.97	
75. 8.25	3	7.656	28.47	
76. 8.11	3	7.887	28.34	
86. 9. 7	7	7.793	27.47	

10184 $7^m.2$ $2^s.4119$ $+0^s.0011$ + $7''.850$ $+0''.320$ $28^\circ 3412$

72. 7.19	3	$19^h 32^m 10^s.514$	$28^\circ 13' 23''.28$	
72. 8.14	3	10.662	22.35	
72. 8.15	3	10.494	22.85	
75. 8.18	3	10.564	22.37	
75.10. 6	3	10.449	22.56	
76. 8.16	3	10.342	22.97	
77. 9. 1	3	10.525	20.90	
78. 9. 6	3	10.308	23.25	

10185 6.9 2.3888 +0.0011 + 7.851 +0.317 $29^\circ 3670$

73. 8.22	3	19 32 10.886	29 3 15.39	
73. 9.20	2	10.926	15.95	
75. 8.30	3	10.934	14.61	
85. 9.26	5	10.940	13.50	

10186 8.1 2.4915 +0.0009 + 7.851 +0.331 $25^\circ 3896$

73. 9.25	3	19 32 11.083	25 16 13.68	
75. 9.18	2	10.914	13.37	
76. 9.21	3	11.097	13.18	
77. 8.21	3	10.999	14.05	

10187 9.0 2.4039 +0.0011 + 7.851 +0.319 $28^\circ 3413$

73. 8.15	3	19 32 11.472	28 30 58.51	
73. 9. 1	3	11.470	58 39	
75. 9.15	3	11.627	58.61	
87. 9.22	7	11.564	58.69	

10188 7.7 2.4702 +0.0010 + 7.853 +0.328 $26^\circ 3615$

72. 8.27	2	19 32 13.025	26 4 44.72	
73. 8.25	3	13.076	45.29	
74. 9. 9	3	12.945	44.31	

10189 9.4 2.4378 +0.0010 + 7.857 +0.324 — —

80. 9.16	3	19 32 16.133	27 17 7.18	† c.d.s.

10190 8.0 2.3582 +0.0011 + 7.873 +0.313 $30^\circ 3660$

73. 8.30	3	19 32 27.624	30 8 34.17	
74. 9. 4	3	27.659	33.59	
78. 9.23	3	27.542	34.80	

10191 8.8 2.4118 +0.0011 + 7.878 +0.320 $28^\circ 3416$

72. 8.17	3	19 32 31.834	28 14 40.84	Z.C.α $31^s.78$
72. 8.20	2	31.833	40.81	
74. 9.24	3	31.704	41.45	
75. 8.18	3	31.741	43.09	
75. 9.15	3	31.988	42.28	
75.10. 6	2	31.743	41.67	
76. 8.25	3	31.791	40.93	
77. 9. 1	3	31.682	42.76	
77. 9. 8	3	31.789	43.51	
78. 8.26	3	31.746	41.86	−5′
79. 8 28	3	31.748	40.88	−15′

10192 7.5 2.3814 +0.0011 + 7.878 +0.316 $29^\circ 3672$

74. 8.29	3	19 32 31.946	29 20 3.18	
74. 9.12	3	32.036	2.76	
76. 8.17	3	31.882	3.19	
78. 9. 2	3	31.890	3.71	
78. 9.20	3	31.992	4.74	
86. 9. 8	7	31.952	2.72	

10193 $9^{\rm m}0$		$2^{\rm s}4421$ $+0^{\rm s}0010$	$+\ 7''885$ $+0''324$	27°3447
72. 8.12	3	$19^{\rm h}32^{\rm m}36^{\rm s}503$	$27^\circ\ 8'33''41$	
72. 9.20	1	36.635	33.05	
75. 8.16	3	36.295	32.37	
75. 8.27	3	36.585	32.07	
75. 9. 3	3	36.552	32.16	
78. 9 16	3	36.505	32.62	
10194 9.3		2.4475 +0.0010	+ 7 885 +0.324	26°3616
73. 8.11	3	19 32 36.979	26 56 34.90	Z.C.δ35″0
73. 8.14	3	36.758	34.34	
73 9.16	3	37.036	34.62	
81.10. 1	3	36.990	36.86	
88. 9.13	5	36.911	34.47	
10195 9.0		2.4856 +0.0010	+ 7.892 +0.330	25°3898
74. 7.24	3	19 32 42 006	25 30 54.18	
74. 9.14	3	41.994	55.62	
77. 9.11	3	42.024	54.96	
78. 9.13	3	41.994	55 00	
10196 9.5		2.4120 +0.0011	+ 7.894 +0.320	— —
72. 8.20	2	19 32 43.452	28 14 46.35	† v.ft.
10197 8.5		2.3878 +0.0011	+ 7.896 +0.317	29°3673
73. 8. 7	3	19 32 44.591	29 6 46.77	
74. 8.22	3	44.581	46.36	
74. 8.29	3	44.690	46.74	
75. 8.26	3	44.595	46.03	
75. 9.29	3	44.513	46.50	
85.10.15	5	44.712	45.93	
85.10 16	5	44.627	45.72	
10198 9.0		2.3895 +0.0011	+ 7.899 +0.317	29°3675
72. 8.28	3	19 32 46.839	29 3 21.40	
73. 8.15	2	46.772	21.73	
90. 9. 8	7	46.762	21.66	
90. 9.11	7	46.869	22.01	
10199 7.5		2.4800 +0.0010	+ 7.899 +0.329	25°3900
73. 8.21	2	19 32 47.193	25 44 7.51	
74. 8.20	3	47.196	6.48	
76. 8. 9	3	47.286	6.20	
85.10. 1	5	47.225	6.12	+ 1′
10200 9.3		2.4607 +0.0010	+ 7.902 +0.326	26°3617
76. 8.11	2	19 32 49.337	26 27 27.49	†
10201 9.0		2.3607 +0.0012	+ 7.905 +0.313	30°3664
72. 9. 5	2	19 32 51.378	30 4 23.63	
73 8.22	3	51.391	23.22	d.m.
73. 9.20	1	51 388	20.63	§ d.s.
74. 9. 4	3	51.120	19.23	§ s.f.
86. 9.10	7	51.368	24.39	d.m.
10202 9.3		2.4992 +0.0009	+ 7.910 +0.331	24°3817
75. 9. 9	2	19 32 55.326	25 0 14.16	
81. 9.14	3	55.907	14.23	w. 4 + $10^{\rm s}$
81. 9.28	3	55.827	14.42	
81.10. 5	3	55.751	12.77	
82. 9.22	3	55.702	13.78	

10203 $9^{\rm m}4$		$2^{\rm s}4616$ $+0^{\rm s}0010$	$+\ 7''914$ $+0''326$	26°3621
72. 8 23	3	$19^{\rm h}32^{\rm m}58^{\rm s}313$	$26^\circ 25' 54''70$	
75. 8.25	3	58.035	55.92	
90. 9. 5	7	58.203	54 55	
10204 9.5		2.4610 +0.0010	+ 7.922 +0.326	26°3622
73. 8. 6	3	19 33 4.216	26 27 35.42	†
10205 9.5		2.4253 +0.0011	+ 7.923 +0.321	— —
80. 8.31	3	19 33 5.073	27 46 40.47	†
10206 9.4		2.4491 +0.0010	+ 7.923 +0.324	— —
74. 9. 9	3	19 33 5.142	26 54 15.66	†
10207 9.3		2.3578 +0.0012	+ 7.924 +0.312	30°3666
75. 9.14	3	19 33 6.044	30 11 11.09	†
10208 9.4		2.3670 +0.0012	+ 7.926 +0.314	29°3677
74. 9.12	3	19 33 7.047	29 51 57.57	†
10209 9.4		2.3593 +0.0012	+ 7.935 +0.312	30°3667
81. 9.26	3	19 33 14.404	30 8 29.04	
81. 9.30	3	14.305	28.65	
85. 9. 3	5	14.302	29.29	
10210 9.3		2.4671 +0.0010	+ 7.935 +0.327	26°3624
86. 9.22	5	19 33 14.405	26 14 12.26	
86. 9.30	5	14.443	11.99	
10211 9.3		2.5010 +0.0009	+ 7.936 +0.331	24°3820
73. 8. 5	3	19 33 14.928	24 56 57.61	Z.C.α$14^{\rm s}93$
73. 8. 9	3	14.940	58.69	
75. 8.31	3	14.805	57.72	
76. 8.21	2	14.933	58.14	
84. 8.19	4	14.965	57.71	
86.10. 2	5	14.951	57.92	
86.10 6	5	14.962	58.60	
10212 7.7		2.4816 +0.0010	+ 7.943 +0.329	25°3903
73 9.25	3	19 33 19.932	25 41 45.12	
74. 8.20	3	19.996	44.41	
78. 9.13	2	19.996	44.98	
85. 9.24	5	19.848	44.16	
88. 9.20	5	19.740	45.70	
10213 9.4		2.4366 +0.0010	+ 7.947 +0.323	27°3449
72. 7.30	3	19 33 23.000	27 22 37.10	
73. 9. 4	3	22.803	40.37	
74. 8.25	2	22.721	38.53	
75. 9.20	3	22.583	40.88	
76. 8.14	3	22.789	40.10	
76. 9. 7	3	22.781	38.92	v. ft.
86.10. 4	5	22.434	39.62	
10214 9.5		2.4998 +0.0009	+ 7.956 +0.331	24°3823
85.10. 3	5	19 33 29.657	25 0 16.37	
85.10. 7	7	29.767	17.20	n.p. of 2
85.10. 8	7	29.736	16.74	
10215 9.1		2.4570 +0.0010	+ 7.965 +0.325	26°3625
81.10. 1	3	19 33 36.839	26 37 48.98	
84 9.10	5	36.664	47.62	
84. 9.11	5	36.623	47.88	

10216	**9^{m}4**	**2^{s}3598**	**+0^{s}0012**	**+ 7″968**	**+0″312**	— —
81.	9.30	3	19^h 33^m 38^{s}812	30° 8′ 30″04		†Z.C. δ30″0
10217	**9.1**	**2.3754**	**+0.0012**	**+ 7.970**	**+0.314**	29°3681
72.	8.28	2	19 33 40.084	29 35 49.43		
75.	9.14	3	40.059	49.73		
90.	9.13	5	40.107	50.88		
10218	**9.3**	**2.4254**	**+0.0011**	**+ 7.974**	**+0.321**	27°3450
79.	10. 9	3	19 33 43.282	27 48 5.23		Z.C. α43^{s}35
80.	9. 3	3	43.257	6.62		− 5′
80.	9.13	3	43.521	7.61		− 1 int.
						Z.C. δ 6″5
10219	**9.3**	**2.4129**	**+0.0011**	**+ 7.979**	**+0.319**	28°3421
72.	7.19	3	19 33 47.056	28 15 40.19		
72.	8.14	3	47.079	40.02		
72.	8.15	3	47.132	39.41		
74.	9.24	3	46.968	39 61		
75.	9.15	3	47.123	40.76		
75.	10. 6	3	47.077	40.43		
78.	8.15	1	47.030	39.81		
78.	8.26	3	47.010	41.04		
79.	9. 3	3	47.128	40.35		
10220	**8.7**	**2.5009**	**+0.0009**	**+ 7.980**	**+0.331**	24°3825
81.	9.23	3	19 33 47.576	24 58 39.81		Z.C. δ39″3
84.	8.21	7	47.787	38.83		
10221	**9.3**	**2.3858**	**+0.0011**	**+ 7.980**	**+0.315**	29°3682
75.	8.26	3	19 33 47.654	29 14 7.73		
76.	8.17	3	47.833	7.32		
90.	9.12	7	47.852	6.69		
10222	**9.2**	**2.4258**	**+0.0011**	**+ 7.983**	**+0.321**	27°3451
79.	10. 9	3	19 33 49.671	27 47 41.07		§
80.	8.28	3	49.515	40.97		
80.	8.28	2	49.485	42.24		
80	8.31	2	49.577	41.80		
80.	9. 3	3	49.536	42.04		
80.	9. 8	3	49.558	41.94		
80.	9.13	2	49.660	41.61		
10223	**8.8**	**2.4429**	**+0.0010**	**+ 7.991**	**+0.323**	27°3452
72.	8.12	3	19 33 55 653	27 10 9.84		
73.	9. 4	3	55.702	8.79		
74.	9. 2	2	55.555	7.45		
86.	10. 8	5	55.586	7.18		
88.	9.13	4	55.620	7.75		
88.	9.19	5	55.632	8.29		
10224	**9.3**	**2.4133**	**+0.0011**	**+ 7.991**	**+0.319**	— —
78.	8.15	3	19 33 55.795	28 13 40.34		†
10225	**9.3**	**2.3846**	**+0.0011**	**+ 7.996**	**+0.315**	29°3683
73.	8. 7	3	19 33 59.363	29 17 8.99		
73.	8 30	3	59.415	8.66		− 1 int.
74	8 22	3	59.505	8.21		
81.	9.14	3	59.500	8.46		
85.	9.26	5	59.468	6.93		
10226	**9.2**	**2.4745**	**+0.0010**	**+ 7.999**	**+0.327**	25°3907
79.	9 27	3	19 34 1.771	25 59 37.21		
81.	9.28	3	1.638	36.90		
84.	9.22	7	1.703	36.87		
84.	9.25	7	1.673	35.86		

10227	**9^{m}0**	**2^{s}5025**	**+0^{s}0009**	**+ 8″010**	**+0″331**	24°3827
84.	8.22	7	19^h 34^m 10^{s}089	24° 55′ 58″24		
84.	9.12	7	10.088	58.47		
84.	9.17	7	10.147	59.41		
84.	9.18	7	10.133	58 85		
92.	8.25	7	10.192	58.96		+ 1^m
10228	**9.0**	**2.4799**	**+0.0010**	**+ 8.014**	**+0.328**	25°3909
73.	8.21	3	19 34 13.208	25 47 53.02		
73.	9.25	2	13.195	53.11		
75.	9.16	3	13.059	52.98		c. d.?
75.	9.18	1	13.093	53.13		
86.	9.11	7	13.069	52.34		
10229	**9.5**	**2.4166**	**+0.0011**	**+ 8.025**	**+0.319**	28°3423
72.	8.17	2	19 34 21.034	28 9 4.92		†
10230	**8.8**	**2.3923**	**+0.0011**	**+ 8.025**	**+0.316**	28°3424
73.	8.15	3	19 34 21.073	29 1 41.08		
75.	8.18	3	21.067	41.01		
75.	9.14	2	21.180	43.36		
76.	8.16	3	21.186	41.62		
76.	9. 1	3	21.095	39.63		
77.	9. 8	3	21.149	42.23		
78.	9. 6	3	20.981	40.65		
78.	9. 6	2	20.921	41.00		
90.	9.25	6	21.223	41.84		v. ft.
10231	**9.1**	**2.4206**	**+0.0011**	**+ 8.025**	**+0.320**	27°3453
84.	8.23	7	19 34 21.541	28 0 21.16		Z.C. δ20″9
84.	8.29	7	21.431	21.30		+ 1′
84.	9.20	7	21.501	20.42		
86.	9. 7	5	21.402	19.50		
86.	9. 9	7	21.159	21.52		
88.	9.17	2	21.423	21.01		
88.	9.26	5	21.320	21.57		
10232	**9.0**	**2.4624**	**+0.0010**	**+ 8.031**	**+0.326**	26°3628
73.	8. 6	3	19 34 25.617	26 27 56.29		Z.C. α25^{s}62
73.	8.14	3	25.602	57.45		
73	8.25	3	25.674	57.21		+ 5′
75.	8.25	3	25.533	56.33		
76.	8.11	3	25.653	55.66		
10233	**9 5**	**2.3924**	**+0.0011**	**+ 8.032**	**+0.316**	— —
76.	8.16	1	19 34 26.063	29 1 37.41		†
10234	**5.2**	**2.3688**	**+0.0012**	**+ 8.032**	**+0.313**	29°3684
72.	9. 3	3	19 34 26.409	29 51 59.42		
72.	9. 5	3	26.433	58.57		
73.	8.22	3	26.292	58.28		
75.	8.30	3	26.265	58.52		
78.	9.12	3	26 287	60.02		
78.	9 12	3	26.397	60.47		
87.	9. 7	7	26.366	60.84		
10235	**8.5**	**2.3753**	**+0.0012**	**+ 8.034**	**+0.314**	29°3685
72.	8.28	1	19 34 28.201	29 38 21.92		
74.	8.29	3	28.005	20.48		
78.	9. 3	3	28.140	21.21		
78.	9.20	3	28.126	20.94		
88.	9.22	7	28.031	21.12		
10236	**9.2**	**2.4659**	**+0.0010**	**+ 8.035**	**+0.326**	— —
90.	9.24	7	19 34 28.542	26 20 5.92		
90.	9.27	5	28.578	7.59		

10237 $8^{m}.5$ $2^{s}.4248$ $+0^{s}.0011$ + 8″.036 +0″.320 27°3454

72. 8.19	3	$19^{h}34^{m}29^{s}.554$	27° 51′ 35″.47	
74. 8.24	3	29.749	35.63	
75. 8.27	3	29.687	34.97	
75. 9. 3	3	29.793	35.55	
75. 9.20	3	29.552	35.40	
78. 9.18	3	29.378	34.99	
78. 9.18	3	29.718	35.87	
80. 9. 7	2	29.409	35.02	

10238 9.1 2.4619 +0.0010 + 8.038 +0.326 26°3630

72. 8.27	3	19 34 30.623	26 29 13.55	
73. 8. 6	3	30.656	13.62	
73. 8.14	3	30.711	13 95	
73. 8.25	3	30.684	14.52	

10239 9.2 2.4764 +0.0010 + 8.039 +0.327 25°3911

81. 9.19	3	19 34 31.550	25 56 30.37	† Z.C. δ 30″.4

10240 7.4 2.3617 +0.0012 + 8.043 +0.312 30°3677

84. 9. 2	7	19 34 34.434	30 7 19.34	
84.10. 4	7	34.505	20.46	

10241 7.6 2.3805 +0.0011 + 8.047 +0.314 29°3686

73. 9.20	3	19 34 37.681	29 27 45.04	many stars
74. 9. 4	3	37.505	44.73	p of 2
76.10. 7	3	37.654	45.72	clds.
78. 9.23	3	37.715	46.30	c. d. l.

10242 8.7 2.4952 +0.0009 + 8.047 +0.330 25°3913

73. 8. 5	3	19 34 38.074	25 13 45.38	
73 8. 9	3	38.066	45.65	
75. 8.31	3	38.132	45.12	
75. 9. 6	3	37.930	45.63	
75. 9.16	3	37.936	45.00	
76. 8. 9	2	37.801	44.88	

10243 9.0 2.4383 +0.0010 + 8.051 +0.322 — —

75 8.16	3	19 34 40.982	27 22 15.39	
90. 9.15	7	41.086	14.64	

10244 9.5 2.4173 +0.0011 + 8.053 +0.319 — —

72. 8.15	3	19 34 42.273	28 8 31.26	
72. 8.20	3	42.230	30.69	

10245 8.8 2.4367 +0.0010 + 8.054 +0.322 27°3457

72. 8.12	3	19 34 42.602	27 25 50.23	
72. 9.20	3	42.710	49.94	−1′
74. 8.25	3	42.588	50.42	
78. 8.12	3	42.823	51.90	
78. 9.16	3	42.736	50.10	

10246 8.4 2.4036 +0.0011 + 8.058 +0.317 28°3428

73. 9. 1	3	19 34 46.239	28 38 28.21	
75.10. 6	3	46.240	28.90	
76. 8.25	3	46.258	28.85	
85.10. 1	5	46.302	29.56	

10247 9.3 2.3696 +0.0012 + 8.068 +0.313 29°3687

73. 8.30	3	19 34 53.466	29 51 37.27	
74. 9.12	3	53.370	36.35	
86. 9.22	5	53.526	37.03	
86. 9.30	5	53.450	37.83	

10248 $9^{m}.2$ $2^{s}.5022$ $+0^{s}.0009$ + 8″.069 +0″.330 24°3835

81.10. 5	3	$19^{h}34^{m}54^{s}.095$	24° 58′ 18″.45	
85. 9. 1	7	54.009	18.95	

10249 9.0 2.3915 +0.0011 + 8.071 +0.316 29°3688

72. 9. 3	2	19 34 55.253	29 4 51.21	Z.C. α $55^{s}.33$
73. 8. 7	2	55.236	48.27	
75. 8.26	3	55.428	51.43	
76.10. 7	2	55.492	52.24	− 10′
78. 9. 2	3	55.243	51.19	

10250 8.9 2.4510 +0.0010 + 8.072 +0.323 26°3631

72. 8.23	3	19 34 56.585	26 54 44.20	
73. 8.11	3	56.372	44.49	
73. 9.16	3	56.451	44.49	
74. 9. 9	3	56.465	42.63	
85.10.15	5	56.446	44.14	
85.10.16	5	56.484	43.67	

10251 8.9 2.4780 +0.0010 + 8.076 +0.327 25°3914

72. 9.13	2	19 34 59.986	25 54 7.95	-1^{m}
74. 7.24	3	59.728	7.01	d. s. f.
75. 9. 9	3	59.681	8.20	d. s. f.
76. 8.21	2	59.664	8.13	
86.10. 2	5	59.772	7.24	c. d. s. f.

10252 8.9 2.4989 +0.0009 + 8.085 +0.330 25°3915

73. 8.21	3	19 35 6.031	25 6 29.64	
74. 9.14	3	6.090	28.83	
76. 9.21	3	6.162	28.21	
76. 9.23	3	6.101	27.66	
77. 9.11	3	6.118	27.66	
87. 9.28	5	6.241	27.53	

10253 7.0 2.4567 +0.0010 + 8.085 +0.324 26°3632

72. 8.24	3	19 35 6.291	26 42 27.82	
74. 7.27	3	6.221	27.08	
76. 8.22	3	6 382	27.75	

10254 9.3 2.4171 +0.0011 + 8.088 +0.319 28°3429

72. 7.19	3	19 35 8.128	28 10 7.39	
72. 8.14	3	8.241	6.10	
79. 9. 3	3	8.213	6.40	

10255 9.1 2.4475 +0.0010 + 8.088 +0.323 27°3459

81. 9.23	3	19 35 8.558	27 2 54.77	Z.C. δ 55″.8
81. 9.26	3	8.702	56.15	
81.10. 1	3	8.540	56.43	

10256 9.2 2.5020 +0.0009 + 8.091 +0.330 — —

81. 9.19	3	19 35 10.357	24 59 31.66	†

10257 7.7 2.4750 +0.0010 + 8.098 +0.327 25°3917

73. 9.25	3	19 35 16.492	26 1 38.66	
74. 9.14	3	16.137	38.71	
78. 8.27	3	16.006	37.15	$+1^{m}$
78. 8.27	2	15.996	38.03	
78. 9.26	3	16.112	37.25	
79. 9. 8	3	16.038	38.10	
79. 9.15	3	16.291	38.40	
79. 9.27	3	16.057	38.98	$+1^{m}$
79.10.10	3	16.184	37.44	
84. 8.19	7	16.160	38.01	w. 5.6.7.
86.10. 6	5	16.153	38.45	[-10^{s}

10258	$9^{m}.0$	$2^{s}.4093$ $+0^{s}.0011$	$+ 8''.100$ $+0''.318$	28°3430
73. 9. 1	3	$19^{h}35^{m}17^{s}.146$	28° 27′ 43″.27	
74. 9.24	3	17.269	43.76	
75. 9.15	3	17.344	42.82	
86.10. 4	5	17.013	40.14	
10259	9.1	2.4925 +0.0009	+ 8.100 +0.329	25°3918
74. 8.20	2	19 35 17.568	25 21 43.94	
75. 8.23	2	17.745	42.92	
76. 9.21	2	17.664	43.72	
77. 9.11	2	17.627	43.52	
85. 9. 3	5	17.671	43.98	
85. 9. 4	7	17.641	43.23	
85. 9. 9	4	17.694	43.47	−1′
85. 9.11	7	17.721	44.08	−1′
10260	9.1	2.4124 +0.0011	+ 8.103 +0.318	28°3431
73. 8.15	3	19 35 19.790	28 20 55.55	
75. 9.15	2	19.702	55.78	
75.10. 6	1	19.773	56.33	
85.10. 3	7	19.837	55.52	
10261	9.1	2.4564 +0.0010	+ 8.111 +0.324	26°3636
74. 7.27	2	19 35 25.660	26 44 8.09	
74. 8.28	3	25.653	8.95	
88. 9.20	7	25.776	8.75	
10262	9.2	2.4816 +0.0010	+ 8.112 +0.327	25°3919
81. 9.14	3	19 35 26.528	25 47 1.86	
81. 9.28	3	26.475	1.19	
85. 9.15	7	26.554	0.73	
10263	9.4	2.4805 +0.0010	+ 8.117 +0.327	— —
81.10. 5	2	19 35 30.336	25 49 42.82	†
10264	9.2	2.4942 +0.0009	+ 8.121 +0.329	25°3921
84. 9.10	7	19 35 32.878	25 18 29.17	
84. 9.11	7	32.838	29.94	
85. 9.18	7	33.036	30.45	
10265	9.0	2.4967 +0.0009	+ 8.123 +0.329	25°3922
74. 7.24	2	19 35 34.685	25 12 46.69	
75 8.31	3	34.638	46.94	
75. 9. 6	3	34.636	46.64	-1^{s}
76 8. 9	1	34.908	47.11	
78 9.13	3	34.680	47.17	
10266	9.2	2.3659 +0.0012	+ 8.126 +0.312	29°3692
92. 8.20	7	19 35 36.597	30 1 14.51	
92. 8.22	7	36.689	16.16	
10267	9.5	2.4859 +0.0010	+ 8.126 +0.328	25°3923
73. 8. 5	3	19 35 37.276	25 37 43.36	
75. 9.16	2	37.107	42.46	
88. 9.14	7	37.280	44.99	
10268	8.0	2.4376 +0.0010	+ 8.131 +0.321	27°3461
72. 7.30	3	19 35 40.651	27 26 23.66	
72. 9.20	3	40.788	25.98	
73 9. 4	3	40.628	26.47	
74. 8.25	3	40.656	26.09	
75. 8.16	3	40.551	25.82	
76. 8.14	3	40.555	25.59	
76. 9. 7	3	40.737	25.79	
78. 8.12	3	40.657	26.48	
78. 9.19	3	40.473	25.84	
86. 9.10	7	40.607	26.01	
10269	$8^{m}.0$	$2^{s}.4539$ $+0^{s}.0010$	$+ 8''.137$ $+0''.323$	26°3640
73. 9.16	3	$19^{h}35^{m}45^{s}.185$	26° 50′ 34″.21	$+1^{m}$ d.l.
74. 8.18	3	44.740	33.72	
76. 8.11	3	45.061	32.01	
85. 9.26	4	45.032	31.72	
10270	9.0	2.4569 +0.0010	+ 8.141 +0.324	— —
76. 8.22	3	19 35 47.769	26 43 52.26	†
10271	8.4	2.4366 +0.0010	+ 8.143 +0.321	27°3462
72. 8.19	3	19 35 49.476	27 28 62.12	
73. 9. 4	2	49.574	61.78	
74. 8.25	3	49.395	62.68	
75. 9. 3	3	49.625	62.65	
79.10.18	3	49.705	62.41	
86. 9.15	5	49.452	59.01	
10272	9.0	2.4504 +0.0010	+ 8.144 +0.323	26°3641
72 8.23	3	19 35 50.640	26 58 28.82	
73. 8.11	3	50.469	28.61	
75. 8.25	3	50.413	29.17	
81.10. 1	3	50.594	30.00	
87. 9. 8	7	50.483	30.12	
10273	9.3	2.4262 +0.0011	+ 8.157 +0.319	27°3463
79. 9.15	3	19 36 0.060	27 52 39.20	†
10274	9.0	2.4673 +0.0010	+ 8.163 +0.325	26°3642
73. 8. 6	3	19 36 4.334	26 21 13.52	
90. 9. 5	7	4.365	13.13	
90. 9. 8	7	4.340	13.55	
10275	9.3	2.3953 +0.0011	+ 8.165 +0.315	— —
72. 9. 5	3	19 36 6.002	28 59 58.61	
73. 8.22	2	5.837	59.34	
74. 9.12	3	6.040	58.23	
75. 8.26	3	5.784	58.87	
76. 8 17	3	5.896	58.26	
10276	9.5	2.3966 +0.0011	+ 8.166 +0.315	28°3433
73. 8.22	3	19 36 6.959	28 57 18.20	†
10277	9.4	2.4435 +0.0010	+ 8.167 +0.322	27°3464
80. 9.16	3	19 36 7.847	27 14 48.19	†
10278	9.3	2.4702 +0.0010	+ 8.178 +0.325	26°3644
73. 8.25	3	19 36 15.912	26 15 3.01	
73. 9.16	2	16.138	3.26	
77. 8.30	3	16.026	2.56	
88. 9.13	5	16.066	1.79	
10279	7.5	2.4391 +0.0010	+ 8.178 +0.321	27°3466
72. 9.20	1	19 36 16.809	27 24 51.82	§
74. 8.24	3	16.305	51.18	
75. 8.27	3	16.268	50.84	
76. 8.14	2	16.297	50.82	
88. 9.19	7	16.307	51.17	
10280	8.7	2.3998 +0.0011	+ 8.183 +0.316	28°3434
72. 8.15	3	19 36 19.878	28 51 12.58	+1′
72. 8.20	3	19.895	11.20	
75. 8.18	3	19.840	12.37	$\text{W.}2.3-1^{s}$
76. 9. 1	3	19.881	11.43	

10281 $9^{m}.0$ $2^{s}.4073$ $+0^{s}.0011$ $+$ $8''.188$ $+0''.317$ $28^{\circ}3435$

72. 7.19	3	$19^{h}36^{m}23^{s}.857$	$28^{\circ}35'$ $8''.49$	
72. 8.14	3	23.736	8.00	
72. 8.17	3	23.789	7.10	
79. 8.28	2	23.625	6.23	
79. 9. 3	3	23.822	7.40	

10282 9.0 2.4481 +0.0010 + 8.193 +0.322 $27^{\circ}3468$

72. 8.12	2	19 36 27.053	27 5 15.43	
74. 9. 2	2	26.840	14.43	
75. 9. 3	2	26.830	14.18	
75. 9.20	3	27.043	14.84	
76. 8.25	3	26.963	14.96	
76. 9. 7	3	27.046	14.21	
78. 8.26	3	26.780	15.48	
86. 9. 9	5	26.751	14.93	
88. 9.26	7	26.751	14.95	

10283 9.1 2.4485 +0.0010 + 8.193 +0.322 $27^{\circ}3467$

74. 8.24	3	19 36 27.190	27 4 31.71	
74. 9. 2	1	27.260	31.39	

10284 9.3 2.4329 +0.0011 + 8.193 +0.320 $27^{\circ}3469$

80. 9. 4	3	19 36 27.479	27 39 4.50	
80. 9. 4	2	27.469	3.99	

10285 9.0 2.4490 +0.0010 + 8.211 +0.322 — —

72. 8.12	2	19 36 40.514	27 3 50.58	†

10286 9.4 2.4704 +0.0010 + 8.217 +0.325 — —

81. 9.19	2	19 36 45.433	26 15 56.41	†Z.C. δ $56''.4$

10287 7.1 2.4484 +0.0010 + 8.219 +0.322 $27^{\circ}3471$

72. 7.30	3	19 36 46.593	27 5 22.07	$+5'$
74. 8.25	2	46.540	22.65	Z.C. α $46^{s}.51$
74.10. 8	3	46.526	23.38	
75. 9. 3	3	46.546	22.91	
76. 8.25	3	46.432	22.71	
78. 8.26	3	46.589	24.66	
78. 9.16	3	46.493	24.01	$-30'$
78. 9.19	3	46.485	22.78	
85.10. 1	5	46.514	22.94	
86. 9. 7	5	46.439	23.16	
88. 9.17	3	46.451	23.02	
88.10. 3	7	46.541	22.69	

10288 9.4 2.4476 +0.0010 + 8.224 +0.322 $27^{\circ}3472$

78. 9.16	2	19 36 50.737	27 7 31.08	
78. 9.18	3	50.760	30.74	
79. 8.26	3	50.933	31.16	
79. 8.28	2	51.016	30.26	
86. 9.29	7	50.843	31.06	

10289 8.9 2.4269 +0 0011 + 8.231 +0.319 $27^{\circ}3474$

79. 9. 8	3	19 36 55.515	27 53 43.00	
79. 9.27	3	55.646	44.25	
79.10.10	3	55.711	43.30	
80. 9. 7	2	55.651	43.00	
88. 9.21	5	55.668	45.32	

10290 9.0 2.4685 +0.0010 + 8.232 +0.325 $26^{\circ}3645$

72. 8.24	3	19 36 56.827	26 20 54.75	
72. 8.27	3	56.763	54.64	
73. 8. 6	3	56.844	54.07	
73. 8.14	3	56.737	54.39	
76. 8.11	3	56.878	54.45	

10291 $8^{m}.9$ $2^{s}.4292$ $+0^{s}.0011$ $+$ $8''.234$ $+0''.320$ $27^{\circ}3475$

79. 9.20	3	$19^{h}36^{m}57^{s}.748$	$27^{\circ}48'$ $45''.57$	$+1^{s}$
79.10. 1	3	57.893	43.89	Z.C. δ $44''.9$
79.10. 9	3	57.789	44.51	
80. 8.28	3	57.757	44.69	$-5'$
80. 8.28	2	57.647	46.41	$-5'$
80. 8.31	2	57.709	45.14	
80. 9. 3	3	57.757	44.85	
80. 9. 8	2	57.837	45.66	
80. 9.13	3	57.906	45.68	
81. 9. 9	2	58.141	43.36	clds.
81. 9.23	3	57.726	44.49	

10292 8.4 2.4540 +0.0010 + 8.237 +0.322 $26^{\circ}3646$

74. 8.18	3	19 37 0.047	26 53 27.71	
74. 9. 9	3	0.220	24.68	
75. 8.25	3	0.239	27.53	
76. 8.22	3	0.072	27.24	
85.10.15	5	0.217	27.16	
85.10.16	7	0.204	26.38	

10293 9.3 2.4470 +0.0010 + 8.238 +0.322 $27^{\circ}3476$

78. 9. 6	3	19 37 0.895	27 9 16.48	
81.10. 1	3	1.078	16.98	
86. 9.22	7	1.204	15.25	
86. 9.30	5	0.910	16.56	

10294 9.2 2.4339 +0.0011 + 8.244 +0.320 $27^{\circ}3477$

80. 9.18	2	19 37 5.659	27 38 41.95	
95. 8.14	7	5.507	42.17	
95. 8.17	7	5.582	42.04	

10295 8.8 2.4050 +0.0011 + 8.246 +0.316 $28^{\circ}3438$

73. 9. 1	3	19 37 7.263	28 42 9.83	
76. 8.16	3	7.332	12.41	
77. 9. 1	3	7.208	9.79	
86.10. 2	7	7.317	10.59	

10296 9.5 2.4472 +0.0010 + 8.247 +0.322 — —

72. 8.19	3	19 37 7.504	27 9 9.35	†

10297 8.9 2.3721 +0.0012 + 8.253 +0.311 $29^{\circ}3700$

72. 9. 3	2	19 37 12.447	29 52 60.56	
72. 9. 5	2	12.491	60.70	
73. 9.20	3	12.376	60.00	
74. 8.22	3	12.376	60.22	
74. 9. 4	3	12.131	58.94	
75. 8.26	2	12.322	59.18	
76. 8.17	3	12.437	60.26	

10298 7.8 2.3912 +0.0011 + 8.254 +0.314 $29^{\circ}3702$

72. 8.28	3	19 37 13.438	29 12 8.25	
74. 8.29	3	13.358	7.78	
75. 8.30	3	13.286	7.64	
75. 9.14	3	13.299	7.59	
86.10. 6	7	13.411	9.28	

10299 8.2 2.4572 +0.0010 + 8.254 +0.323 $26^{\circ}3647$

73. 8.11	3	19 37 13.229	26 46 57.89	Z.C. δ $58''.2$
74. 8.28	3	13.419	58.03	
77. 9. 4	3	13.393	57.67	
78. 9.13	3	13.397	58.79	
86.10. 4	5	13.398	58.66	

10300 $9^{\mathrm{m}}1$ $2^{\mathrm{s}}4113$ $+0^{\mathrm{s}}0011$ + 8″255 +0″317 28°3440

81. 9.14	3	$19^{\mathrm{h}}37^{\mathrm{m}}13^{\mathrm{s}}614$	28° 28′ 44″34	
81. 9.23	2	13.577	45.79	
81. 9.26	3	13.615	45.31	
81. 9.28	3	13.535	45.39	
81. 9.30	3	13.556	44.46	

10301 9.4 2.4187 +0.0011 + 8.262 +0.318 28°3441

73. 9. 1	2	19 37 18.865	28 12 49.01	
75. 10. 6	3	18.819	48.10	
76. 9. 1	3	18.793	47.42	
78. 8.15	3	18.792	47.25	
79. 9. 3	3	18.906	47.74	

10302 8.8 2.4816 +0.0010 + 8.266 +0.326 25°3928

72. 9.13	3	19 37 22.505	25 52 13.75	
73. 8.21	3	22.422	14.59	
75. 8.31	3	22.432	12.77	
75. 9. 6	3	22.261	12.21	
75. 9. 9	3	22.282	14.08	
75. 9.16	3	22.376	13.42	
76. 8.21	3	22.223	12.89	

10303 8.5 2.4528 +0.0010 + 8.271 +0.322 26°3649

72. 8.23	2	19 37 25.751	26 57 34.22	
73. 8.25	3	25.607	33.67	
87. 9.28	5	25.788	33.25	

10304 9.0 2.3703 +0.0012 + 8.272 +0.311 29°3704

73. 8.30	3	19 37 26.299	29 57 24.79	
74. 8.29	3	26.183	26.39	
74 9.12	3	26.323	24.13	
88. 9.22	5	26.314	25.59	

10305 9.5 2.3708 +0.0012 + 8.276 +0.311 — —

73. 8.30	2	19 37 29.939	29 56 33.23	†

10306 9.5 2.3967 +0.0011 + 8.278 +0.315 — —

73. 8.15	3	19 37 31.075	29 1 11.30	
90. 9.12	5	31.200	9.55	

10307 8.6 2.4263 +0.0011 + 8.281 +0.318 28°3445

76. 8.16	2	19 37 33.102	28 3 10.42	
78. 8.15	3	32.892	8.96	
78. 9.23	3	33.242	11.89	+ 1^{s}

10308 9.4 2.4357 +0.0011 + 8.292 +0.320 — —

76. 8.14	1	19 37 41.270	27 36 16.70	
79. 8.28	1	41.287	15.57	

10309 8.2 2.4434 +0.0010 + 8.292 +0.321 27°3480

74. 8.24	3	19 37 41.184	27 19 11.35	
79. 9. 8	3	41.361	11.39	
79. 9.15	3	41.376	11.21	
79. 10.10	3	41.482	10.48	
80. 8.31	2	41.315	12.40	
80. 9. 3	3	41.414	12.08	
80. 9.16	3	41.386	12.50	
86. 10. 8	5	41.307	10.48	

10310 8.7 2.4317 +0.0011 + 8.301 +0.319 27°3482

75. 8.16	3	19 37 48.209	27 45 35.53	
79. 8.26	3	48.234	36.20	
79. 9.20	3	48.301	36.29	
80. 9. 7	2	48.132	36.44	
80. 9. 8	2	48.197	35.20	

10311 $7^{\mathrm{m}}2$ $2^{\mathrm{s}}3967$ $+0^{\mathrm{s}}0011$ + 8″302 +0″315 28°3447

72. 8.14	3	$19^{\mathrm{h}}37^{\mathrm{m}}48^{\mathrm{s}}919$	29° 2′ 6″00	Z.C. δ 5″7
72. 8.15	3	48.752	4.57	
72. 8.20	3	49.051	5.45	
73. 8.15	3	48.924	6.04	
75. 9.15	3	48.708	5.93	
77. 9. 8	3	48.851	6.40	

10312 7.7 2.4492 +0.0010 + 8.307 +0.322 27°3484

74. 8.25	2	19 37 53.038	27 6 46.83	
74. 10. 8	2	53.139	46.69	
76. 9. 7	3	53.181	46.35	

10313 9.3 2.4233 +0.0011 + 8.307 +0.318 28°3448

72. 7.19	3	19 37 53.178	28 4 20.01	
72. 8.17	3	53.405	19.03	
78. 9.19	3	53.479	20.06	
78. 9.20	3	53.594	20.90	

B.D. has α 4^{s} greater

10314 9.5 2.3959 +0.0011 + 8.309 +0.315 29°3706

78. 9.12	3	19 37 54.622	29 4 4.83	
78. 9.12	2	54.702	5.16	

10315 8.7 2.4349 +0.0011 + 8.313 +0.319 27°3485

72. 9.20	3	19 37 57.809	27 38 47.24	
78. 8.26	3	57.775	48.73	
78. 9. 6	3	57.817	48.06	
78. 9.18	3	57.785	47.89	
79. 9. 8	2	57.601	47.04	
79. 9.15	3	57.757	46.96	− 5′
79. 9.27	3	57.551	47.04	
80. 9. 4	3	57.755	47.72	
87. 9. 7	7	57.898	49.26	

10316 7.8 2.4621 +0.0010 + 8.315 +0.323 26°3650

74. 9. 9	3	19 37 59.360	26 38 5.53	
78. 9.13	3	59.173	6.63	
78. 9.26	3	59.127	6.05	
79. 8 25	3	59.210	3.42	
86. 9.15	7	59.201	4.58	

10317 9.1 2.4943 +0.0009 + 8.315 +0.327 25°3931

84. 8.19	5	19 37 59.467	25 24 45.43	
85. 10. 7	7	59.384	44.83	
85. 10. 8	7	59.330	45.42	

10318 8.8 2.4089 +0.0011 + 8.320 +0.316 28°3449

95. 8.12	7	19 38 2.685	28 36 9.22	
95. 8.20	7	2.487	9.91	
95. 8.24	7	2.508	10.70	

10319 8.9 2.4599 +0.0010 + 8.326 +0.323 26°3651

73. 8.11	3	19 38 7.232	26 43 20.29	
74. 8.18	2	7.239	20.81	
76. 8.22	2	7.210	19.25	
78 8.27	3	7.224	19.88	
78. 9.26	2	7.236	19.91	
87. 9. 6	7	7.211	20.73	n. p. of 2

10320 7.3 2.3721 +0.0012 + 8.341 +0.311 29°3710

72. 9. 3	3	19 38 18.513	29 56 9.58	
72. 9. 5	2	18.467	8.59	
73. 8.22	3	18.256	9.43	
74. 8.29	2	18.341	8.63	
75. 9.14	3	18.386	8.80	
76. 8.17	3	18.414	9.87	

10321 9^m4 2^s4605 +0^s0010 + $8''345$ +$0''323$ — —

74. 8.18	2	$19^h38^m21^s418$	26° 42′ $42''97$	
79. 8.25	3	21.616	41.08	

10322 9.2 2.4370 +0.0011 + 8 346 +0.319 27°3487

72. 8.19	3	19 38 22.249	27 35 21.19	
79. 9.27	3	22.456	21.50	
79. 10. 9	3	22.415	21.60	
80. 9.16	3	22.447	21.74	
80. 9.18	3	22.409	21.39	
81. 9.30	3	22.436	21.61	
88. 9.19	5	22.339	21.19	

10323 9.0 2.4391 +0.0011 + 8.348 +0.320 27°3488

75 9. 3	2	19 38 23.918	27 30 35 81	
79 10. 1	3	23.853	37.62	
79.10.18	3	23.882	37.41	
80. 9.13	3	23.909	38.40	
81. 9.26	3	23.914	37.04	
81 9.28	3	23.993	37.47	
82. 8.21	2	23.940	36.67	
82. 9. 7	3	23.960	37 36	
86. 9. 7	4	23.702	36.74	

10324 9.0 2.4384 +0.0011 + 8.349 +0.320 27°3489

78. 9.18	2	19 38 25.055	27 32 15.62	
79.10. 9	2	24.742	15.82	– 5^m
79 10.18	2	24.816	16.05	
79.10.20	3	24.837	15.40	§
80. 8.31	2	24 629	16.60	
81. 9.28	2	24.818	16.24	
82. 9. 7	3	24.885	16.06	
88. 9.14	7	24.767	17.06	
88. 9.26	7	24.792	17.01	

10325 9.4 2.5062 +0.0009 + 8.351 +0.329 24°3852

85. 9. 3	5	19 38 26.372	24 58 21.42	
85. 9.11	5	26.371	21.27	

10326 5.9 2.4932 +0.0009 + 8 358 +0.327 25°3933

72. 9.13	2	19 38 31.163	25 28 26.28	
73 8. 5	3	31.125	26.94	
73. 8. 9	3	31.097	27.24	
73. 8.21	3	31.011	27.79	
75. 9. 9	3	31.098	26.82	
76. 8. 9	3	31.048	25.53	
76. 8.21	3	31.080	26.34	

10327 9.0 2.3962 +0.0012 + 8.362 +0.314 — —

72. 8.14	3	19 38 34.126	29 5 18.20	†

10328 9.5 2.5087 +0.0009 + 8.371 +0.328 24°3853

81. 9.23	2	19 38 41.478	24 53 16.91	
81.10. 1	3	41.583	17.94	
84 10. 4	7	41.579	16.23	

10329 9.4 2.4895 +0.0010 + 8.374 +0.326 25°3934

74. 9.14	2	19 38 43.290	25 37 41.40	†

10330 8.7 2.4252 +0.0011 + 8.380 +0.318 27°3490

72. 8.20	3	19 38 47.812	28 2 34.97	Z.C.α47^s70
74. 8.24	3	47.687	34.99	
78. 9. 6	3	47.692	35.60	
78. 9.19	2	47.630	35.42	
86. 9. 9	7	47.683	35.05	

10331 7^m0 2^s4577 +0^s0010 + $8''381$ +$0''322$ 26°3654

72. 8.23	3	$19^h38^m48^s772$	26° 50′ $15''05$	
72. 8.24	3	48.710	15.30	
72. 8.27	3	48.615	16.05	
85.10.15	5	48 704	15.14	

10332 9.3 2.4199 +0.0011 + 8.382 +0.317 — —

90 9.29	5	19 38 49.440	28 14 21.30	†

10333 8 1 2.4496 +0.0010 + 8.382 +0.321 27°3491

75. 8 16	3	19 38 49.800	27 8 31.95	
78. 8.15	3	49.805	30.79	
85.10. 1	7	49.963	33.79	
88.10. 3	5	50.002	33.04	

10334 9.3 2.4185 +0.0011 + 8.390 +0.317 — —

76. 8.16	3	19 38 55.329	28 17 56.12	†

10335 8.8 2.4422 +0.0010 + 8.393 +0.320 27°3492

72. 7.30	3	19 38 57 602	27 25 19.46	
72. 8.12	3	57.559	22.87	
78. 9.16	1	57.587	21.07	
88. 9.13	7	57.645	21.27	n. f. of 2

10336 9.1 2.3783 +0.0012 + 8.395 +0.311 29°3714

81.10. 5	3	19 38 59.526	29 45 2.68	
84. 9. 5	5	59.448	3.60	
84. 9.12	5	59.544	2.55	

10337 9.1 2.5024 +0.0009 + 8.409 +0.328 25°3939

90. 9.27	5	19 39 9.816	25 9 1.25	†

10338 8.8 2.4889 +0.0010 + 8.411 +0.326 25°3940

73. 8.21	3	19 39 11.672	25 40 21.34	
74. 7.24	3	11.778	18.81	
74. 9 14	2	11.679	21.31	
75. 9.16	3	11.744	20.79	

10339 9.0 2.3812 +0.0012 + 8.412 +0.311 29°3716

72. 8.28	3	19 39 12.019	29 39 34.08	
73. 8.22	3	11.880	34.36	
75. 8.26	3	12.062	33.94	

10340 9.0 2.4483 +0.0010 + 8.414 +0.320 27°3495

78. 8.26	2	19 39 13.884	27 12 35.43	
79. 9.20	2	13.927	36.00	
80. 9. 3	2	14.051	36.11	
88. 9.21	7	13.873	35.77	

10341 9.5 2.5075 +0.0009 + 8.416 +0.328 24°3857

85. 9.26	5	19 39 15.257	24 57 25.49	
85.10. 3	7	15.334	23.48	
88. 9 20	7	15.301	24.05	

10342 9.3 2.4487 +0.0010 + 8.422 +0.320 — —

80. 9. 3	1	19 39 19.779	27 12 1.47	†

10343 9.2 2.4497 +0.0010 + 8.426 +0.321 27°3496

74.10. 8	3	19 39 22.932	27 9 55.00	
79. 8.26	3	22.881	56.13	
79. 9.20	3	22.735	55.83	
80. 9 16	3	22.708	55.15	
85. 9. 1	5	22.787	54.98	

10344 $9^{m}.1$ $2^{s}.4048$ $+0^{s}.0012$ + $8''.426$ $+0^{s}.315$ 28°3457

84. 9.10	7	$19^{h}39^{m}23^{s}.020$	28° 49′ 14″.50	
84. 9.11	7	22.942	15 01	
84 9.17	7	23.009	14.30	

10345 9.3 2.4330 +0.0011 + 8.431 +0.318 27°3497

79.10.10	3	19 39 26 592	27 47 10.09	
80. 9. 4	2	26.257	11.03	
80. 9. 7	2	26.374	11.28	
80. 9. 8	3	26.380	10.85	
85. 9. 4	5	26.309	11.25	
85. 9.15	7	26.341	10.98	
85. 9.24	5	26.384	11.06	

10346 9.2 2.4304 +0.0011 + 8.431 +0.318 27°3498

72. 9.20	3	19 39 26.639	27 53 6.36	
79. 9. 8	3	26 493	8.89	−20″
80. 8.28	3	26.458	5 70	
87. 9.22	7	26.764	6.82	

10347 9.5 2.3764 +0.0012 + 8.432 +0.311 29°3717

73. 9.20	3	19 39 26.962	29 50 29.84	†

10348 9.4 2.4337 +0.0011 + 8.440 +0.318 27°3499

78. 9.18	2	19 39 33.180	27 46 3.41	+ 10′
80. 9. 7	2	33.110	4.29	Z.C. α $33^{s}.19$
80. 9. 8	2	33.277	2.98	

10349 9.4 2.3765 +0.0012 + 8.442 +0.311 29°3718

72. 9. 3	3	19 39 34.718	29 50 39.87	
73. 9.20	3	34.522	39.83	
74. 8.22	3	34.562	41.59	
74. 9.12	3	34.576	39.94	

10350 9.0 2.4566 +0.0010 + 8.454 +0.321 26°3658

72. 8.23	3	19 39 44.475	26 55 21.31	
72. 8.27	3	44.329	21.57	
78. 8.27	3	44.320	21.06	
78. 9.13	3	44.266	22.18	

10351 9.2 2.3814 +0.0012 + 8.456 +0.311 29°3720

81. 9.19	3	19 39 45.418	29 40 33.86	† Z.C. δ 33″.9

10352 8.2 2.3875 +0.0012 + 8.457 +0.312 29°3721

72. 9. 5	2	19 39 46.473	29 27 45.29	
73. 8.30	2	46.431	45.35	
76. 8.17	3	46.379	45.52	
84. 9.18	3	46.307	44.04	

10353 6 9 2.4013 +0.0012 + 8.460 +0.314 28°3460

72. 7.19	3	19 39 48.327	28 57 50.77	
72. 8.15	3	48.471	49.85	
72. 8.17	3	48.491	50.36	
75. 9.15	3	48.506	50.90	
86. 9. 8	7	48.493	50.77	

10354 9.5 2.3859 +0.0012 + 8.463 +0.312 — —

84. 9.20	7	19 39 51.256	29 31 12.98	
84. 9.22	7	51.063	13.46	

10355 9.3 2.4191 +0.0011 + 8 469 +0.316 28°3461

72 8.20	3	19 39 55.642	28 19 25.52	
73. 8.15	3	55.400	27.32	
77. 9 8	3	55 663	28.04	
79. 9. 3	3	55.482	25.46	

10356 $9^{m}.2$ $2^{s}.4407$ $+0^{s}.0011$ + $8''.473$ $+0''.319$ 27°3502

85. 9.11	5	$19^{h}39^{m}58^{s}.089$	27° 31′ 47″.11	
85. 9.18	6	58.267	47.24	
86. 9.13	5	58.010	46.54	

10357 8.9 2.3878 +0.0012 + 8.476 +0.312 29°3722

72. 8.28	3	19 40 0.875	29 27 38.07	
73. 8.30	3	1.040	38.76	
76. 8.17	2	0.768	38.90	
84. 9.18	3	0.852	38.26	
90 10.10	5	0.890	38.06	

10358 9.1 2.4394 +0.0011 + 8.480 +0.319 27°3503

72. 8.19	3	19 40 3.380	27 34 50.74	
81.10. 1	3	3.589	51.51	
85. 9 21	7	3.467	50.50	
88. 9.19	5	3.439	51.62	

10359 8.6 2.4916 +0.0010 + 8.481 +0.326 25°3944

73. 8. 9	3	19 40 4.600	25 36 33.51	
75. 8.31	2	4.519	33.52	
76. 8.21	3	4.442	32.30	

10360 9.3 2.5032 +0.0009 + 8.482 +0.327 25°3945

90. 9.24	5	19 40 5.264	25 9 28.03	
92 9. 5	6	5.287	28.05	v. ft.

10361 8.0 2.3926 +0.0012 + 8.482 +0.313 29°3724

72. 9 3	2	19 40 5.562	29 17.41.22	
74. 8.22	3	5.334	41.21	
75. 9.14	3	5.406	40.51	

10362 9.0 2.4960 +0.0009 + 8.489 +0.326 25°3946

75. 9 16	3	19 40 10.685	25 26 34.22	Z.C. δ 34″.0
77. 9.11	3	10.717	33.82	

10363 9.0 2.4895 +0.0010 + 8.489 +0.325 25°3947

95. 8.19	7	19 40 10.718	25 41 40.17	
95. 8.23	5	10.705	39.55	
95. 8.28	7	10.710	38 12	

10364 9.1 2.5020 +0.0009 + 8.493 +0.327 25°3948

73. 8.21	3	19 40 13.162	25 12 37.24	
75. 9. 9	3	12.970	36.12	
75. 9 16	2	13 111	35.14	
78. 9 26	3	13.071	36.92	
79. 9.15	3	13.181	35.83	
80. 9.13	3	13.299	36.00	
85 9. 3	7	13.031	36.77	
86. 8.30	7	13.178	35.54	

10365 9.3 2.4420 +0.0010 + 8.493 +0.319 27°3504

81. 9.28	3	19 40 13.454	27 29 29.25	
86. 9.11	5	13.394	29.47	

10366 9.1 2.4917 +0.0010 + 8.495 +0.325 25°3949

73. 8. 5	3	19 40 15.079	25 36 51.20	
73. 8 9	3	15 190	51.49	
76. 8.21	2	14.861	50.89	
81.10. 5	3	15.066	50 86	
86. 9.10	5	15 296	50 02	

10367	$9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.4334$ $+0^{\mathrm{s}}.0011$	$+\ 8''.501$ $+0''.318$	27°3505
74. 8.24	3	$19^{\mathrm{h}}40^{\mathrm{m}}19^{\mathrm{s}}.079$	$27^{\circ}48'60''.33$	
74. 8.25	3	19.139	59.78	
74. 9. 2	2	19.067	59.68	
75. 8 16	3	19.134	60.71	
10368	9.4	2.5100 +0.0009	+ 8.501 +0.328	24°3865 A
82. 9.25	3	19 40 19 298	24 54 20.10	c.d.p. †
10369	9.2	2.4888 +0.0010	+ 8.501 +0.325	25°3950
86. 9. 7	5	19 40 19.477	25 43 45.63	
90.10. 9	7	19.686	43.96	
10370	Owing to a mistake in reduction, the Z.C. place is 1° wrong: see 10370^{a}			
10370^{a}	9.5	2.4163 +0.0011	+ 8.507 +0.315	— —
74. 8.29	2	19 40 24.085	28 26 59.59	
Place confirmed by Oxford photograph 95.9.21				
10371	9.5	2.5065 +0.0009	+ 8.513 +0.328	25°3952
74. 7.24	3	19 40 28.944	25 3 4.67	†
10372	9.2	2.4619 +0.0010	+ 8.525 +0.321	26°3660
72. 8.24	3	19 40 38.104	26 46 1.98	
74. 9. 9	3	38.029	1.76	
76. 8.22	2	37.960	0.07	
10373	9.1	2.3818 +0.0012	+ 8.526 +0.311	29°3729
78. 9. 2	2	19 40 38.538	29 42 37.83	
78. 9. 3	3	38.593	38.80	
78. 9.20	3	38.463	39.99	
78. 9.23	3	38.591	40.78	
10374	9 5	2.4725 +0.0010	+ 8.529 +0.323	— —
80. 8.28	3	19 40 40.809	26 21 56.51	†
10375	9.4	2.4244 +0.0011	+ 8.529 +0.316	28°3466
72. 7.19	3	19 40 40.940	28 10 4.20	
72. 8.14	3	40.807	3.16	
73 8.15	3	40.911	3.92	
75. 9.15	3	41.028	2.38	
76. 8.16	3	40.896	4.33	
84. 8.19	4	40.950	2.79	
10376	8.7	2.4735 +0.0010	+ 8.530 +0.323	26°3662
73. 8.14	3	19 40 41 099	26 19 45.19	
74. 8.28	3	41.049	44.49	
78. 8.27	3	41.215	43.88	
90. 9.11	7	41.120	43.70	
10377	8.3	2.3751 +0.0012	+ 8.536 +0.309	29°3730
73. 8.22	3	19 40 45.834	29 57 13.08	
74. 9.12	3	45.992	12.39	
75. 8.26	3	46.209	13 09	
10378	9.5	2.4967 +0.0009	+ 8.536 +0.326	25°3954
73. 9.25	1	19 40 46.309	25 26 35.48	†
10379	9.3	2.4614 +0.0010	+ 8.538 +0 321	— —
76. 8.22	2	19 40 47 590	26 47 28.87	†

10380	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.4057$ $+0^{\mathrm{s}}.0012$	$+\ 8''.543$ $+0''.314$	28°3467
72. 8.20	2	$19^{\mathrm{h}}40^{\mathrm{m}}50^{\mathrm{s}}.897$	$28^{\circ}51'34''.68$	†
10381	9.3	2.4751 +0.0010	+ 8.544 +0.323	26°3663
73. 8.14	3	19 40 51.741	26 16 33.41	†
10382	8.9	2.4285 +0.0011	+ 8.547 +0.317	27°3507
72. 7.30	3	19 40 54.435	28 1 25.89	
72. 8.12	3	54.431	29.88	
78. 9. 6	3	54.198	28.08	
10383	8.9	2.4311 +0.0011	+ 8.549 +0.317	27°3508
72. 9.20	3	19 40 55.653	27 55 46.63	
75. 9. 3	3	55.701	45.83	
78. 8.26	3	55.440	46.06	
10384	9.4	2.4020 +0.0012	+ 8.552 +0.313	— —
81. 9.23	3	19 40 57.599	28 59 58.79	Z.C. $\delta 58''.7$
81.10. 1	1	58.051	58.65	ex. ft.
85. 9. 1	4	57.671	58.69	
10385	8.9	2.4423 +0.0011	+ 8.557 +0.318	27°3510
72. 8.19	3	19 41 1.756	27 31 8.39	
74.10. 8	3	1.922	8.11	
75. 8.16	3	1.930	10.46	
10386	9.1	2.4050 +0.0012	+ 8.558 +0.313	28°3469
72. 8.15	3	19 41 2.358	28 53 36.40	
72. 8.17	3	2.297	36.59	
79. 9. 3	3	2.476	36.10	
10387	8.7	2.3725 +0.0012	+ 8.560 +0.309	30°3729
72 9. 5	3	19 41 4.245	30 3 40.23	
76. 8.17	2	4.218	40.26	
76.10. 7	2	4.193	39.61	
10388	8 7	2.3898 +0.0012	+ 8.563 +0.311	29°3733
74. 9.12	3	19 41 6.608	29 26 42.36	Z.C. $\delta 42''.2$
90.10.10	1	6.533	42.11	
10388^{a}	9.5	2.4719 +0.0010	+ 8.564 +0.322	— —
74 9.15	2	19 41 7.134	26 24 39.01	v. ft.
Place confirmed by Oxford photographs 1904.10.3 and 1907.9.20. Wrongly reduced and entered in Z.C. as 10409				
10389	8.9	2.4941 +0.0010	+ 8 575 +0.325	25°3958
81. 9.28	3	19 41 15.537	25 33 51.29	
82. 9.25	3	15.650	51.91	
84 9. 5	5	15.760	50.94	
10390	9.0	2.4002 +0.0012	+ 8.576 +0.313	29°3734
73 8.30	3	19 41 15.950	29 4 44.20	
74. 8.22	2	16.286	46.02	
79 9. 2	2	16.256	44.44	
79 9. 3	2	16.277	44.73	
10391	8.7	2.4132 +0.0012	+ 8.577 +0.314	28°3472
74.10.12	3	19 41 17.468	28 36 20.83	
75. 9.15	3	17.306	22.58	
76.10.11	3	17.238	21.71	w. 5 ÷ 10$^{\mathrm{s}}$

10392 8^{m}.7 2^{s}.4206 +0^{s}.0011 + 8$''$.582 +0$''$.315 28°3473

73. 9. 1	1	19^{h}41^{m}20^{s}.584	28° 20′ 7$''$.65	Z.C. δ 8$''$.4
75. 10. 6	3	20.499	8.95	
77. 8.31	1	20.475	8.17	
77. 9. 1	2	20.721	8.68	

10393 9.0 2.4893 +0.0010 + 8.589 +0.324 25°3961

73. 8. 5	3	19 41 26.153	25 45 30.96
74 9.14	3	26.090	31.80
76. 10. 4	2	26.329	29.62
77. 9.11	3	26.278	31.01

10394 9.0 2.3786 +0.0012 + 8.589 +0.310 29°3736

73. 8.22	3	19 41 26.319	29 51 36.99
73. 9.20	3	26.566	37.35

10395 9.0 2.4607 +0.0010 + 8.592 +0.321 26°3665

72. 8.23	3	19 41 28.771	26 51 11.28
78. 9.13	3	28.652	11.93

10396 9.3 2.4773 +0.0010 + 8.596 +0.323 26°3667

72. 8.27	3	19 41 31.333	26 13 7.88
74. 9. 9	3	31.395	6.75
78. 9.18	2	31.331	6.84

10397 8.9 2.4317 +0.0011 + 8.601 +0.317 27°3512

73. 9. 4	3	19 41 34.905	27 56 18.88
74. 8.25	3	34.836	18.49
75. 9. 3	3	34.867	18.11
76. 9. 7	2	34.875	18.07

10398 9.4 2.4056 +0.0012 + 8.601 +0.313 — —

76. 9. 1	3	19 41 35.117	28 53 52.56	†

10399 9.0 2.3819 +0.0012 + 8.601 +0.310 — —

78. 9.23	3	19 41 35.285	29 45 6.75
95. 8.12	2	35.165	5.63
95. 8.13	7	35.234	6.47
95. 8.17	7	35.131	4.96

10400 9.0 2.3819 +0.0012 + 8.604 +0.310 29°3737

74. 8.29	2	19 41 37.857	29 45 15.71
95. 8.14	7	37.756	16.61
95. 8.20	7	37.829	15.86

10401 8.7 2.3996 +0.0012 + 8.611 +0.312 29°3738

78. 9. 2	1	19 41 42.991	29 9 4.30	
78. 9.12	3	43.053	5.06	+ 1^{m}
92. 8.20	5	43.092	3.30	

10402 9.0 2.4730 +0.0010 + 8.618 +0.322 26°3669

73. 8.25	2	19 41 48.091	26 24 5.62	Z.C. δ 5$''$.4
73. 9.16	3	48.048	5.88	
77. 9. 4	1	48.042	4.49	
80. 8.28	3	48.022	6.47	
84. 9.12	7	47.895	4.60	

10403 9.1 2.4254 +0.0011 + 8 619 +0.316 28°3476

84. 8.21	4	19 41 48.813	28 10 57.65
84 9 17	7	48.824	57.29

10404 9^{m}.1 2^{s}.3918 +0^{s}.0012 + 8$''$.620 +0$''$.311 29°3739

75. 8.26	3	19^{h}41^{m}49^{s}.540	29° 24′ 34$''$.21
75. 9.14	3	49.399	33.08
79. 9. 2	2	49.433	32.54

10405 9.3 2.4682 +0.0010 + 8.621 +0.321 26°3670

81. 9.23	2	19 41 50.378	26 34 59.09	Z.C. δ 58$''$.6
81. 9.26	3	50.561	58.83	
84. 9.18	4	50.392	57.79	

10406 8.4 2.3969 +0.0012 + 8.623 +0.312 29°3740

78. 9.12	1	19 41 51.761	29 13 45.17
79. 9 2	1	51.759	43.79
79. 9.20	3	51.775	44.32
80. 9. 3	3	51 776	43 96
81 9.14	3	51.735	44.65

10407 8.6 2.4375 +0.0011 + 8.625 +0.317 27°3513

72. 9.20	3	19 41 53.666	27 44 20.59
74. 10. 8	3	53.718	20.42
78. 8.15	3	53.702	18.01
78. 8.26	2	53.753	20.51

10408 8.4 2.3719 +0.0012 + 8.626 +0.308 30°3736

74. 9. 4	3	19 41 54.244	30 7 38.86	
79. 9. 8	3	54.424	38.51	−10^{s} + 30$''$
79 10. 1	3	54.144	39.57	
80. 9. 7	2	54.177	38.19	

10409 Owing to a mistake in reduction, the Z.C. place is 1^{m} wrong: see 10388^{a}. For a star near the Z.C. place see appendix 10409^{a}

10410 9.2 2.3764 +0.0012 + 8.655 +0.309 29°3743

73. 8 30	2	19 42 16.123	29 58 58.31
78. 9.20	3	16.120	58.34
80. 9 4	3	16.029	58.62
80. 9. 4	2	15.909	58.80

10411 9.0 2.4432 +0.0011 + 8.657 +0.318 27°3515

72. 7.30	3	19 42 17.589	27 32 45.43
74. 8.24	3	17.621	48.12
75. 8.16	3	17.228	47.62
75. 9.20	3	17.461	48.66

10412 9.1 2.4620 +0.0010 + 8.657 +0.320 — —

73. 8.14	1	19 42 17.293	26 50 31.91
90. 9.24	3	17.656	30.42
90. 9.27	7	17.529	31.03

10413 9.5 2.5042 +0.0009 + 8.658 +0.326 25°3967

73. 8.21	3	19 42 18.662	25 13 18.22	†

10414 8.5 2.4263 +0.0011 + 8.666 +0.315 28°3478

72. 7.19	3	19 42 24.876	28 10 42.34	Z.C. δ 43$''$.1
72. 8.14	3	24.697	42.43	
72. 8.15	3	24.630	42.10	
72. 8.17	3	24.760	43.45	
75. 10. 6	3	24.729	43.37	
76. 8.16	3	24.641	44.43	
76. 9. 1	2	24 775	43.25	
76. 10. 11	3	24.726	42.57	
81. 10. 1	3	24.695	43.77	

10415 $8^{m}.5$ $2^{s}.4849$ $+0^{s}.0010$ + 8″.669 +0″.323 25°3968

73. 8. 9	3	$19^{h}42^{m}26^{s}.814$	25° 58′ 25″.15	
73 9.25	3	26.664	23.97	
75. 8.31	3	26.747	25.25	
75. 9. 6	3	26.653	24.21	
75. 9 16	2	26.655	24.04	
76. 8.21	3	26.734	23.28	
79. 9. 4	2	26.682	25.55	

10416 8.8 2.4001 +0.0012 + 8.670 +0.312 29°3744

72. 8.28	3	19 42 27.371	29 8 30.37	
72. 9. 3	3	27.436	30.10	
72. 9. 5	3	27.449	30.42	
74 9.28	3	27.407	29.70	
75. 8.30	3	27.268	30.52	

10417 8.9 2.3730 +0.0012 + 8.677 +0.308 30°3743

75. 9.14	3	19 42 33.126	30 7 7.24	
92. 8.25	7	33.117	8.51	

10418 6.2 2.5082 +0.0009 + 8.678 +0.326 25°3972

73. 8. 5	3	19 42 34.368	25 4 35.42	
74. 7.24	3	34.195	34.21	
75. 9. 6	1	34.168	36.09	-1^{m}
75. 9. 9	3	34.195	35.85	
75. 9.18	1	34.598	34.68	§

10419 9.5 2.3792 +0.0012 + 8.694 +0.309 — —

78. 9. 2	1	19 42 45.781	29 54 37.67	†

10420 9.2 2.3713 +0.0012 + 8.696 +0.308 30°3747

72. 9. 3	1	19 42 47.430	30 11 34.14	
73. 8.22	3	47.121	35.08	
78. 9.20	3	47.256	35.91	
78. 9.23	3	47.383	36.99	

10421 8.6 2.4084 +0.0012 + 8.701 +0.313 28°3480

72. 8.20	3	19 42 51.211	28 51 27.07	
73. 8.15	3	50.986	27.70	
74. 9.24	3	51.076	27.16	
75 8.18	3	51.193	26.57	

10422 9.2 2.4693 +0.0011 + 8.705 +0.321 26°3671

72. 8.23	3	19 42 54.432	26 35 38.23	
72. 8.24	3	54.120	39.85	
73. 8. 6	3	54.116	37.86	
73. 8.11	3	54.221	38.45	
75. 8.25	3	54.246	37.81	+ 1′

10423 7.1 2.4439 +0.0011 + 8.706 +0.318 27°3516

72. 7.30	3	19 42 55.571	27 33 6.93	
72. 8.12	3	55.413	8.53	
72. 8.19	3	55.276	7.31	
73. 9. 4	3	55 439	9.52	
74. 9. 2	1	55.365	8.42	
78. 8.12	3	55.451	10.85	
96. 8.22	7	55.370	13.22	§
96. 8.25	7	55.447	12.76	§
96. 8.26	7	55.303	12.81	§

10424 7.7 2.4482 +0.0011 + 8.710 +0.318 27°3517

72. 9.20	3	19 42 58.098	27 23 37.94	
74. 8.24	3	58.213	37.76	

10425 $8^{m}.6$ $2^{s}.3897$ $+0^{s}.0012$ + 8″.721 +0″.310 29°3748

73. 9.20	3	$19^{h}43^{m}\ 6^{s}.256$	29° 33′ 2″.31	
75. 9.14	1	6.366	2.28	
76. 8.17	2	6.179	2.87	
84. 8.19	7	6.178	2.62	

10426 8.4 2.4317 +0.0011 + 8.722 +0.316 27°3518

74. 8.25	3	19 43 7.771	28 1 1.69	
74 10. 8	3	7.700	1.54	
75. 9. 3	3	7.755	1.91	
75. 9.20	2	7.504	1.79	
76. 9. 7	3	7.642	1.88	

10427 9.5 2.3735 +0.0012 + 8.724 +0.308 30°3750

74. 8.29	2	19 43 8.506	30 7 58.72	
75. 8.26	2	8.755	60.64	
80. 9. 3	2	8.629	59 96	§

10428 9.3 2.3911 +0.0012 + 8.725 +0.310 29°3750

74. 9. 4	3	19 43 9.453	29 30 15.02	†

10429 9.3 2.4431 +0.0011 + 8.732 +0.317 27°3519

81. 9.28	3	19 43 14.982	27 35 50.99	
84. 9.22	7	15.389	50.33	
84.10. 4	7	15.132	51.89	
85. 9. 1	5	14.884	50.33	

10430 9.1 2.4597 +0.0011 + 8.734 +0.319 26°3674

84. 9.10	7	19 43 16.321	26 58 34.82	
84. 9.11	7	16.249	35.29	
84. 9.20	7	16.361	34.49	

10431 9.3 2.5002 +0.0009 + 8.742 +0.325 25°3976

79.10. 1	3	19 43 22.883	25 25 45.42	†

10432 9.1 2.4947 +0.0010 + 8.743 +0.324 25°3977

73. 8. 9	3	19 43 23.330	25 38 32.27	
74. 9.14	3	23.185	31.74	
75. 8.23	3	23.166	30.96	− 5′

10433 9.1 2.4986 +0.0009 + 8.752 +0.325 25°3978

81. 9.19	3	19 43 30.325	25 29 50.20	Z.C. δ 49″.8
81. 9.26	3	30.252	49.61	
84. 9. 5	7	30.373	49.59	

10434 9.0 2.4028 +0.0012 + 8.754 +0.312 29°3752

92. 8.20	7	19 43 31.676	29 5 59.13	
92. 8 22	5	31.862	59.54	

10435 9.2 2.4948 +0.0010 + 8.757 +0.324 25°3979

72. 9.11	3	19 43 33.851	25 38 51.15	
73. 8. 9	1	33.870	51.86	− 1′
74. 9.14	3	33.734	50.99	

10436 9.5 2.3740 +0.0012 + 8.760 +0.308 30°3755

81. 9.14	3	19 43 36.591	30 8 20.12	
85. 9. 3	5	36.200	19.75	
85. 9.11	7	36.124	20.75	
85. 9.15	7	36.157	19.80	

10437 9.4 2.4785 +0.0010 + 8.765 +0.321 26°3676

80. 9. 7	2	19 43 40.294	26 16 46.90	
80. 9. 8	3	39.979	47.05	

10438 7^m.4 2^s.4033 +0^s.0012 + 8$''$.767 +0$''$.312 29°3754

72. 9. 5	3	19^{h}43^{m}41^s.494	29° 5′ 28$''$.74	
73. 8.22	3	41.359	29.23	
73. 9.20	3	41.446	28.70	
74. 8.22	3	41.433	29.44	
74 9.28	3	41.403	28.55	
75. 8.30	3	41.450	28.29	
78. 9. 2	2	41.357	28.88	
78. 9. 3	2	41.512	29.03	

10439 9.5 2.5072 +0.0009 + 8.768 +0.325 25°3980

73. 8.21	3	19 43 42.504	25 10 17.20	†

10440 9.4 2.5030 +0.0009 + 8.774 +0.325 25°3982

77. 8.21	3	19 43 47.319	25 20 26.90	† Z.C. δ 26$''$.9

10441 8.9 2.4197 +0.0011 + 8.782 +0.314 28°3485

72. 8.14	3	19 43 53.423	28 29 49.90	
72. 8.15	3	53.325	49.44	
72. 8.17	3	53.285	50.53	
75. 9 15	3	53 450	51.71	
75.10. 6	3	53.196	51 63	
76. 8.16	3	53.256	52.58	
76.10.11	3	53.370	50.78	
78. 8.26	3	53.163	50.41	w. 6.7 + 10^s

10442 8.6 2.4368 +0.0011 + 8.790 +0.316 27°3522

72. 9.20	2	19 43 59.524	27 52 18.39	
75. 8.16	3	59.296	18.84	
75. 8.27	1	59.487	16.65	
76. 9. 7	3	59.450	18.86	
78. 9.16	3	59.326	19.35	
90. 9.11	7	59.307	19.56	

10443 9.4 2.5026 +0.0009 + 8.791 +0.324 25°3984

73. 8. 5	3	19 43 59.796	25 21 47.19	
73. 9. 8	3	59.777	48.78	
75. 8.31	2	59.642	47.60	
75. 9. 9	2	59.605	49.18	
76. 9.21	3	59.706	47.89	
76. 9.23	3	59.775	48.15	
76.10. 4	2	59.855	47.82	
77. 9.11	3	59.713	48.23	
81.10. 1	3	59.900	48.79	

10444 7.0 2.4487 +0.0011 + 8.793 +0.317 27°3523

72. 8.19	3	19 44 1.417	27 25 37.43	
74.10. 8	3	1.681	36.68	
75. 9. 3	3	1.624	36.05	
76. 8.14	3	1.541	37.25	

10445 8.3 2.3906 +0.0012 + 8.796 +0.310 29°3756

73. 8.30	3	19 44 4.182	29 34 13.91	
75. 9.14	1	4.352	15.29	
84. 8.21	7	4.063	14.85	
85. 9.21	7	4.097	14.87	

10446 9.4 2.4362 +0.0011 + 8.798 +0.315 27°3524

75. 8.16	3	19 44 4.888	27 53 47.27	†

10447 Owing to a mistake in reduction the Z.C. place is 1^m wrong: see 10427 (80.9.3)

10448 8^m.1 2^s.5072 +0^s.0009 + 8$''$.803 +0$''$.325 25°3986

73. 8.21	3	19^h 44^m 9^s.032	25° 11′ 38$''$.00	
73. 9.25	3	9.049	36.65	
75. 9. 6	3	9.043	38.27	
75. 9.18	2	9.135	36.87	

10449 9.1 2.4572 +0.0011 + 8.804 +0.318 27°3526

81. 9.28	3	19 44 10.171	27 6 56.25	
84 9.12	7	10.158	54.08	
84. 9.18	5	10.113	54.45	

10450 9.4 2.4391 +0.0011 + 8.808 +0.316 27°3527

81. 9 30	3	19 44 13.314	27 47 43.70	
85. 9.18	6	13.279	42.82	
88. 9.14	5	13.192	43.99	clds.

10451 8.0 2.4265 +0.0011 + 8.812 +0.314 28°3486

72. 8.20	3	19 44 15.800	28 15 57.40	Z.C. δ 58$''$.7
73. 8 15	3	15.776	59 74	
75. 8.18	3	16.034	58.36	
76. 9. 1	3	15.788	57.93	
77. 9. 8	3	15.728	60.15	

10452 8.9 2.4861 +0.0010 + 8.814 +0.322 25°3987

72. 9 11	1	19 44 17.334	26 1 7.07	
73. 9. 8	2	17.458	6.66	
75. 8.23	3	17.357	6.46	

10453 8.9 2.4360 +0.0011 + 8.817 +0.315 27°3528

72. 8.12	3	19 44 19.425	27 54 58.78	
73. 9. 4	3	19 431	58.90	
74. 8.25	3	19.321	58.62	
78. 9.16	2	19.299	58.67	

10454 8.4 2.4259 +0.0011 + 8.821 +0.314 28°3488

73. 8.15	3	19 44 22.815	28 17 39.23	Z.C. δ 40$''$.1
74. 9 24	3	22.786	39.25	
75. 8.18	2	22.674	40.67	
75. 9.15	3	22.856	40.43	
77. 9. 8	3	22.765	40.84	

10455 9.3 2.3786 +0.0012 + 8.828 +0.308 29°3759

80. 9.4	3	19 44 28.301	30 1 13.97	†

10456 8.7 2.4052 +0.0012 + 8.831 +0.311 29°3760

72. 8 28	3	19 44 30.659	29 3 37.21	
73. 8.22	3	30.590	38.40	
73. 9 20	1	30.424	38.36	

10457 8.5 2.4086 +0 0012 + 8.831 +0.312 28°3490

73. 9. 1	3	19 44 30.793	28 56 19.27	
74. 9.24	3	30.819	17.19	
76. 8.25	3	30.684	17.93	

10458 9.5 2.4764 +0.0010 + 8.836 +0.320 — —

80. 8.28	3	19 44 34.422	26 24 5.69	†
80. 8.28	2	34.402	6.16	

10459 8.3 2.3919 +0.0012 + 8.837 +0.309 29°3761

76. 8.17	2	19 44 35.282	29 32 57.08	
76.10. 7	3	35.155	56 76	clds.
78. 9.20	3	35.456	56.58	
78. 9.23	3	35.432	57.77	

10460 9$^{\text{m}}$4		2$^{\text{s}}$3863 +0$^{\text{s}}$0012	+ 8″839 +0″308	29°3762
74 8.29	3	19$^{\text{h}}$44$^{\text{m}}$36$^{\text{s}}$031	29° 45′ 0″92	
78 9.12	3	36.248	2.27	
10461 9.4		2.5168 +0.0009	+ 8.841 +0.326	— —
81. 9.23	3	19 44 37.697	24 50 24.20	† Z.C.δ 24″2
10462 8.8		2.3974 +0.0012	+ 8.841 +0.310	29°3763
74. 9.12	3	19 44 38.266	29 21 8.78	
78. 9 2	1	38.306	9.44	
78. 9. 3	3	38 480	9.41	
79. 9. 3	3	38.445	8.69	
10463 9.0		2.3962 +0.0012	+ 8.849 +0.310	29°3765
74. 9. 4	1	19 44 43.990	29 23 57.21	
79 9. 2	3	43.979	57 57	
79. 9. 3	2	44.031	56 70	
10464 9.3		2.4271 +0.0011	+ 8.852 +0.314	28°3491
85.10. 8	5	19 44 46.656	28 16 15.36	†
10465 7.0		2.4671 +0.0011	+ 8.853 +0.319	26°3678
72. 8 23	3	19 44 47.161	26 46 15.36	
72 8.24	3	47.218	14.90	
72. 8.27	3	47.271	15.70	
73. 8. 6	3	47.329	14.53	
76. 8.11	3	47.269	13.55	
78. 9.18	3	47.207	13.21	
78. 9.18	2	47.017	14.61	
78. 9.26	3	47.214	14.78	
78. 9.26	3	47.224	15.18	
79. 9. 8	3	47.121	13.01	
79. 9.15	3	47.170	14.17	
79. 9.27	3	47.279	13.25	
80. 8.31	3	47.098	15.11	
80. 8.31	2	47.168	13.76	
80. 9. 3	3	47.157	14.54	
10466 9.1		2.5158 +0.0009	+ 8.855 +0.326	24°3899
81. 9.23	3	19 44 48.649	24 53 13.47	Z.C.δ 13″7
81. 9.28	3	48.418	13.72	
81.10. 5	3	48.680	14.01	
84 9.17	7	48.700	13.47	
10467 7.0		2.4311 +0.0011	+ 8.858 +0.314	28°3493
72. 7.19	3	19 44 50.919	28 7 30.59	
72. 8.14	3	50.785	30.49	
72. 8.15	3	50.816	29.03	
72. 8.17	3	50.756	30.07	
75.10. 6	3	50.721	30.44	
10468 8.0		2 4650 +0.0011	+ 8.859 +0.319	26°3679
73. 8.11	3	19 44 52.160	26 51 7.82	
73. 8.14	3	51.984	8.61	
73. 8 25	3	51.997	6.86	
73. 9.16	3	52 041	6.78	
74. 9. 9	3	52.076	6.77	
88.10. 3	7	52.207	5.79	
10469 9.5		2.4816 +0.0010	+ 8.868 +0.320	— —
80. 9. 8	2	19 44 58.624	26 13 30.36	†

10470 9$^{\text{m}}$4		2$^{\text{s}}$4811 +0$^{\text{s}}$0010	+ 8″869 +0″320	26°3680
79.10 10	3	19$^{\text{h}}$44$^{\text{m}}$59$^{\text{s}}$515	26° 14′ 42″25	
80. 9. 7	2	59.666	42.37	
80. 9. 8	2	59 464	42.27	
10471 9.0		2.5139 +0.0009	+ 8.872 +0.325	24°3903
81. 9.26	3	19 45 1.714	24 58 14.56	
86. 8.30	7	1.733	14.21	
86. 9. 8	7	1.741	14.11	
10472 9.4		2.5028 +0.0009	+ 8.878 +0.323	25°3994
75. 9. 9	3	19 45 5.982	25 24 26.73	†
10473 9.2		2.4842 +0.0010	+ 8.890 +0.321	26°3682
74. 9. 9	3	19 45 15.095	26 8 17.09	
74. 9.15	3	15.174	17.36	
75. 8.25	3	15.055	17.31	
80. 9 13	3	15.181	17.27	
80. 9.13	2	15.191	17.54	+ 10$^{\text{s}}$
80. 9.18	3	14.962	17.47	
10474 8.2		2.4779 +0.0010	+ 8.893 +0.320	26°3684
76 8.11	3	19 45 17.574	26 22 53.66	
76. 8.22	3	17.557	53.83	
79.10. 9	2	17.626	53.14	
88. 9.21	5	17.656	54.78	
10475 8.5		2.3886 +0.0012	+ 8.893 +0.308	29°3767
72. 9. 3	3	19 45 17.690	29 42 10.63	
72. 9. 5	3	17.744	9.09	
73. 8.30	3	17.656	10.33	
74. 9.12	2	17.681	8.65	
75. 8.26	3	17.643	10.31	
75. 8.30	3	17.703	8.94	
10476 8.8		2.4441 +0.0011	+ 8.893 +0.316	27°3531
72. 7.30	3	19 45 18.258	27 39 51.19	
74. 8.24	3	17.814	53.79	
75. 9.20	3	17.908	52.92	
10477 9 4		2.5138 +0.0009	+ 8.905 +0.325	24°3905
81. 9.30	3	19 45 27.163	24 59 34.47	Z.C.δ 35″1
81.10. 1	3	27.299	35.95	
85. 9. 3	5	27.197	34.75	−1′
10478 9.4		2.5147 +0.0009	+ 8.909 +0.325	— —
85 9. 1	5	19 45 30.137	24 57 42.73	†
10479 9.2		2.4173 +0.0012	+ 8.913 +0.312	— —
73. 9. 1	2	19 45 32.575	28 40 14.74	
75. 9.15	2	32.754	16.29	
90. 9.30	5	32.922	15.51	
10480 9.2		2.3839 +0.0012	+ 8.913 +0.307	29°3771
74. 8.29	1	19 45 33.387	29 53 18.41	
90. 9.12	7	33.062	18.27	
10481 9.2		2.4758 +0.0010	+ 8.914 +0.320	26°3686
73 9.16	2	19 45 34.175	26 28 37.24	
76. 9.21	3	34 025	36.20	
76. 9.23	3	34.077	36.84	
77. 8.30	3	34.071	36.95	
77. 9. 4	3	34.011	35.94	
79.10.18	3	34.110	37.93	

10482 $9^{\mathrm{m}}.5$	$2^{\mathrm{s}}.3889$ +$0^{\mathrm{s}}.0012$	+ 8".915 +0".308		— —
72. 8.28	3	$19^{\mathrm{h}}45^{\mathrm{m}}34^{\mathrm{s}}.857$	29° 42′ 36".05	†
10483 9.2	2.5142 +0.0009	+ 8.917 +0.324		24°3906
81.10. 5	3	19 45 36.384	24 59 10.20	
84. 9.20	7	36.276	8.78	
86. 9. 9	7	36.153	9.43	
10484 8.8	2.4524 +0.0011	+ 8.922 +0.316		27°3532
72. 9.20	3	19 45 40 088	27 22 17.29	
73 9 4	3	40.115	15.91	
74. 8.25	3	40.020	16.49	
75. 8.16	3	40.097	16.14	
78. 8.12	3	40.084	16.99	
10485 9.1	2.3747 +0.0012	+ 8.922 +0.306		30°3772
73. 8.22	2	19 45 40.310	30 13 27.70	
90. 9.13	7	40.279	26.17	
10486 9.4	2.5153 +0.0009	+ 8.926 +0.324		24°3908
81. 9 23	1	19 45 43.306	24 56 48.12	† Z.C. δ 48".0
81. 9.26	2	43.519	47 31	
81. 9.28	1	43.376	48.61	
10487 9.2	2.4104 +0.0012	+ 8.932 +0.311		28°3497
77. 9. 1	3	19 45 47.324	28 56 16.00	− 1 int. †
10488 9.2	2.4595 +0.0011	+ 8.937 +0.317		— —
84 8.19	7	19 45 51.935	27 6 38.68	
86. 9. 7	7	51.963	37.40	
10489 8.5	2.4757 +0.0010	+ 8.938 +0.319		26°3688
73. 9.16	3	19 45 52.203	26 29 43.69	
75. 8.25	2	51.926	43.91	
78. 8 27	3	52.061	42.95	
78. 9.13	3	52.147	44.97	
79.10.18	3	52.049	44 72	
87. 9. 7	7	52.255	45.34	
10490 9.5	2.4377 +0.0011	+ 8.940 +0.314		27°3533
72. 8.12	2	19 45 53.396	27 56 7.92	†
10491 7.9	2.4520 +0.0011	+ 8.946 +0.316		27°3534
72. 9.20	1	19 45 58.293	27 23 58.71	− 1′
73. 9. 4	1	58.243	59.48	
74. 8.25	3	58.128	58.56	
75. 8.27	3	58.115	57.93	
75. 9. 3	3	58.285	57.57	
76. 8.25	3	58.254	56.37	− 1 int.
78. 9.19	3	58.202	58.52	
10492 9.0	2.4098 +0.0012	+ 8.947 +0.311		28°3498
72. 7.19	3	19 45 59.104	28 58 14.34	Z.C. δ 13".7
72. 8.20	3	59.185	12.87	
75. 8.18	3	58.967	12.91	
75.10. 6	3	59.055	13.74	
77. 9. 1	2	59.189	13.55	
78. 8.26	3	59.034	14.67	
10493 9.0	2.4821 +0.0010	+ 8.955 +0.320		26°3689
72 8.23	2	19 46 5.140	26 15 23.91	
72. 8.27	3	4.910	23.98	
74. 9. 9	2	5.021	23.42	
87. 9. 8	5	4.873	25.08	
88. 9.20	7	4.922	24.97	
88. 9.22	5	4.890	25.19	

10494 $9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.4176$ +$0^{\mathrm{s}}.0012$	+ 8".955 +0".312		28°3500
73. 8.15	3	$19^{\mathrm{h}}46^{\mathrm{m}}5^{\mathrm{s}}.385$	28° 41′ 23".04	Z.C. δ 22".8
73. 9. 1	3	5.253	22.83	
76. 9. 1	3	5.427	22.00	
77. 8.31	3	5.316	23.51	
10495 9.0	2.4820 +0.0010	+ 8.960 +0.320		26°3691
72. 8.23	2	19 46 9.139	26 16 0.76	
72. 8.27	2	9.199	0.62	
73. 8.14	3	9.114	1.82	
87. 9 22	5	9.136	0.20	
10496 9.1	2 5136 +0.0009	+ 8.970 +0.324		24°3911
82.10. 2	3	19 46 16.685	25 2 32.96	n.f. of 2
84. 9.22	7	16.642	32.34	d.n.f.
84. 9.25	7	16.681	32.72	d.n.
84. 9.29	7	16.824	33.05	d.n.: v.ft.
84.10. 4	7	16.996	32.73	n. of 2
10497 9.0	2.4517 +0.0011	+ 8.975 +0.316		27°3535
72. 8.19	3	19 46 20.359	27 25 54.56	
74.10. 8	3	20.600	54.78	
10498 9.5	2.4635 +0.0011	+ 8.976 +0.317		— —
73. 8 6	3	19 46 20.910	26 59 7.92	
73. 8.25	1	21.040	9.14	
74. 9.15	3	20.948	8.48	
90. 9.29	6	21.109	7.76	
10499 8.0	2.4594 +0.0011	+ 8.979 +0.317		27°3536
74. 8.24	3	19 46 23.492	27 8 30.01	
74. 8.25	1	23.532	29.74	
75. 9.20	3	23.295	30.49	
76. 8.14	3	23.333	30.37	
78. 8.12	3	23.568	31.37	
78. 9.10	3	23.411	29.41	
78. 9.10	2	23.621	30.26	
86.10. 2	5	23.335	29.93	
10500 7.4	2.4917 +0.0010	+ 8.982 +0.321		25°4001
72. 9.11	3	19 46 25.589	25 54 23.53	
73. 8. 5	3	25.603	24.67	
73. 8.21	3	25.628	25.23	
73. 9.22	2	25.893	23.36	
75. 8.23	3	25.661	24.23	
75. 9. 9	2	25.855	23.44	
75. 9.18	3	25.667	24.46	
76. 8. 9	3	25.701	24.54	
76. 8.21	3	25.735	24.11	
85.10.15	7	25.675	24.58	
85.10.16	7	25.613	24.97	
10501 9.4	2.4641 +0.0011	+ 8.990 +0.317		26°3692
73. 8. 6	3	19 46 32.310	26 58 10.87	
76. 9.21	3	32.213	10.51	
77. 9. 4	3	32.499	11.05	
86. 9.15	5	32.411	10.24	
10502 9.3	2.4792 +0.0010	+ 8.991 +0.319		26°3693
79.10. 9	2	19 46 32.761	26 23 35.67	†

10503 $7^{m}.7$ $2^{s}.4916$ $+0^{s}.0010$ + $8''.992$ $+0''.321$ 25°4002

73. 8. 5	3	$19^{h}46^{m}33^{s}.642$	25° 55′ $4''.01$	
73. 8.21	3	33.767	4.60	
75. 8.23	3	33.708	3.20	
75. 9. 6	3	33.722	3.83	
75. 9. 9	1	33.961	4.13	
75. 9.16	3	33.700	4.04	
75. 9.18	3	33.742	3.95	
76. 8. 9	2	33.681	3.10	
76. 8.21	1	33.685	2.31	
86. 9.10	5	33.651	4.26	

10504 9.4 2.5147 +0.0009 + 8.995 +0.324 24°3912

81.10. 1	2	19 46 35.736	25 0 53.55	Z.C. δ $52''.4$
85. 9. 9	4	35.887	51.87	
85. 9.11	5	35.872	52.64	
88.10. 5	6	35.840	51.68	

10505 8.6 2.4876 +0.0010 + 9.003 +0.320 26°3694

76. 8.11	3	19 46 42.128	26 4 35.02	
76. 8.22	3	42.098	35.50	
76. 9.23	3	42.072	34.70	
78. 8.27	3	42.133	35.57	
86. 9.22	5	42.093	35.38	
86. 9.29	5	42.080	35.53	

10506 8.8 2.4116 +0.0012 + 9.005 +0.310 28°3507

72. 8.14	3	19 46 43.551	28 56 37.33	
72. 8.15	3	43.543	35.92	
72 8.17	3	43.443	37.59	
75.10. 6	3	43.508	38.26	
77. 9. 8	1	43.817	39.09	
78. 8.26	3	43.503	38.35	
86. 9.30	5	43.388	38.35	

10507 9.2 2.4853 +0.0010 + 9.005 +0.320 26°3695

81. 9.30	3	19 46 43.916	26 9 59.79	
85. 9. 4	5	43.770	60.69	
85. 9.21	5	43.819	60.00	
85. 9.22	5	43.871	58.93	

10508 9.4 2.3834 +0.0013 + 9.007 +0.306 — —

80 9. 4	3	19 46 45.496	29 58 16.48	†

10509 8.5 2.4432 +0.0011 + 9.024 +0.315 27°3539

75. 8.16	3	19 46 58.709	27 46 59.38	
95. 8.12	7	58.686	57.92	
95. 8.13	7	58.634	59.01	+ 5′
95. 8.14	7	58.595	59.55	

10510 9.1 2.4608 +0.0011 + 9.026 +0.317 27°3540

85. 9.24	5	19 47 0.382	27 7 12.36	†

10511 9.2 2.4876 +0.0010 + 9.031 +0.320 26°3697

85. 9.15	5	19 47 3.806	26 5 41.11	
85. 9.18	6	3.932	40.79	
85. 9.26	7	3.901	39.40	
87. 9. 6	5	3.904	41.58	

10512 9.2 2.4852 +0.0010 + 9.032 +0.319 26°3696

81. 9.23	1	19 47 4.267	26 11 24.38	Z.C. δ $24''.0$
85.10. 1	3	4.349	23.68	cld.

10513 $8^{m}.7$ $2^{s}.4609$ $+0^{s}.0011$ + $9''.033$ $+0''.317$ 27°3541

74.10. 8	2	$19^{h}47^{m}$ $5^{s}.168$	27° 7′ $14''.97$	
76. 8.14	3	5.239	15.99	
76. 9 7	3	5.360	15.90	
88. 9.19	5	5.265	14.72	

10514 8.9 2.4607 +0.0011 + 9.034 +0.317 27°3542

74. 8.24	3	19 47 5.352	27 7 47.24	
74. 8.25	1	5.634	46.79	
74.10. 8	1	5.599	47.41	
84. 8.22	5	5.434	46.20	

10515 9.0 2.4226 +0.0012 + 9.034 +0.312 28°3508

74. 9.24	3	19 47 5.933	28 33 32.42	
76.10.11	3	6.121	33.37	
86.10. 4	5	6.088	33.19	s. f. of 2

10516 9.0 2.4916 +0.0010 + 9.035 +0.320 25°4003

77. 9.11	3	19 47 6.563	25 56 33.39	Z.C. δ $33''.7$
92. 8.20	7	6.421	34.09	

10517 7.5 2.5019 +0.0010 + 9.035 +0.322 25°4004

73. 9. 8	2	19 47 6.663	25 32 30.56	c. d. m.
73. 9.25	2	6.797	30.52	
74.10.21	3	6.697	29.85	c. d. n. p.
85.10. 3	7	6.727	29.84	c. d. m.

10518 8.9 2.4694 +0.0011 + 9.035 +0.318 26°3698

73. 9.16	3	19 47 7.018	26 47 55.39	Z.C. α $6^{s}.94$
75. 9.17	2	6.938	53.90	
76. 8.22	3	7.105	58.44	−10′
76.10. 4	3	6.936	56.08	
77. 9. 4	3	6.874	54.60	
78. 9.26	3	6.885	54.94	
78.10. 3	3	6.746	54.58	
79. 9. 8	3	6.912	53.86	
79. 9.15	3	7.060	55.05	
79. 9.27	3	7.088	54.97	
80. 8.31	3	6.860	55.93	
80. 9. 3	3	7.018	55.56	
81. 9.14	3	6.978	55.31	
81. 9.14	1	6.708	54.65	

10519 9.0 2.4796 +0.0010 + 9.039 +0.319 26°3699

72. 8.24	3	19 47 9.955	26 24 30.59	
78. 9.18	3	9.631	30.92	
78. 9.26	1	10.025	30.42	
79. 9. 4	3	9.855	30.75	
79.10. 1	3	9.824	30.89	$+ 1^{s}$
79.10. 9	2	9.831	30.31	
80. 8.28	3	9.732	31.63	

10520 8.5 2.4994 +0.0010 + 9.039 +0.321 25°4006

73. 9.25	3	19 47 10.144	25 38 29.83	
74. 9.14	3	9.993	29.98	
74.10.21	1	10.276	28.53	
86.10. 8	7	9.991	30.27	
87. 9.28	7	10.136	29.89	
88. 9.14	5	10.054	31.26	

10521 7.0 2.4395 +0.0011 + 9.041 +0.314 27°3543

72. 8.12	3	19 47 11.129	27 55 60.22	
72. 8.19	3	11.071	59.17	
75. 8.27	3	10.918	59.57	
75. 9. 3	3	11.008	59.51	
76. 8.25	3	11.081	58.51	

10522 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.4687$ $+0^{\mathrm{s}}.0011$ $+\ 9''.041$ $+0''.317$ 26°3700

74. 9.15	3	$19^{\mathrm{h}}47^{\mathrm{m}}11^{\mathrm{s}}.218$	$26^\circ\,49'\,36''.22$	
79. 9.15	2	11.224	36.63	
79. 9.27	3	11.351	36.41	[+ 17^{s}
88. 9.13	7	11.132	36.99	w. 4.5.6.7

10523 9.0 2.3783 +0.0013 + 9.042 +0.305 30°3783

72. 8.28	3	19 47 12.100	30 10 35.96	
72. 9. 3	3	12.222	37.48	
73. 8.22	3	12.032	37.42	
75. 8.26	3	12.043	37.11	

10524 9.3 2.3984 +0.0012 + 9.042 +0.308 29°3780

79.10 17	3	19 47 12.129	29 27 13.22	†

10525 9.1 2 4832 +0.0010 + 9.043 +0.319 26°3701

79.10.10	3	19 47 12.642	26 16 13.97	
80. 9. 7	2	12.495	15.15	
80. 9. 8	3	12.532	14.05	
88. 9.21	7	12.547	16.02	

10526 9.1 2.4845 +0.0010 + 9.050 +0.319 26°3702

75. 8.25	3	19 47 17.840	26 13 45.26	
76. 8.11	1	17.913	43.93	
78. 8.27	1	17.896	45.02	

10527 8.9 2.4156 +0.0012 + 9.059 +0.310 28°3510

72. 7.19	3	19 47 24.892	28 50 5.08	
72. 8.20	3	24.847	2.89	[+ 10^{s}
75. 9.15	3	24.679	4.51	w.4−10^{s}w. 5

10528 8.5 2.4323 +0.0012 + 9.065 +0.313 28°3511

73. 8.15	3	19 47 29.391	28 13 13.13	Z.C. α $29^{\mathrm{s}}.39$
76. 9. 1	3	29.487	11.66	− 30′
76.10.11	3	29.585	11.19	
77. 8.15	3	29.346	12.49	
86. 9. 9	5	29.295	11.82	
88. 9.27	7	29.263	11.52	

10529 9.4 2.4313 +0.0012 + 9.076 +0.312 28°3512

81. 9.19	3	19 47 38.497	28 15 52.91	p. of 2
85. 9. 3	5	38.337	52.85	d. p.
85.10. 7	7	38.616	51.56	p. of 2
85.10. 8	7	38.579	51.46	Z.C. δ $52''.2$

10530 9.0 2.3917 +0.0013 + 9.079 +0.307 29°3782

72. 9. 5	3	19 47 40.123	29 43 20.87	
74. 8.22	3	40.155	21.32	
74. 9.12	3	40.205	20.78	
75. 8.30	3	40.184	20.92	
78. 9.12	3	40.315	21.57	
78. 9.12	3	40.105	21.93	
78. 9.20	3	40.123	20.71	
78. 9.20	2	40.063	21.85	
84. 8.29	7	40.213	21.67	
86. 8.31	7	40.056	21.15	
86. 9. 1	7	40.064	21.53	

10531 9.0 2.3828 +0.0013 + 9.085 +0.306 30°3793

72. 9. 5	1	19 47 45.086	30 2 53.48	
73. 9.20	3	45.014	53.94	

10532 $8^{\mathrm{m}}.7$ $2^{\mathrm{s}}.4380$ $+0^{\mathrm{s}}.0012$ $+\ 9''.087$ $+0''.313$ 27°3544

73. 9. 4	3	$19^{\mathrm{h}}47^{\mathrm{m}}46^{\mathrm{s}}.931$	$28^\circ\ 1'\,21''.92$	
76. 9. 7	3	46.896	22.36	
81 9.28	3	46.773	22.61	
81. 9.30	3	46.732	22.75	
84. 8.23	7	46.825	22.55	
84. 9.11	7	46.752	22.67	
84. 9 12	5	46.763	21.30	

10533 7.3 2.4206 +0.0012 + 9.088 +0.310 28°3513

74.10.12	3	19 47 47.639	28 40 11.67	
75. 9.15	2	47.753	12.36	
75.10. 6	3	47.577	12.23	

10534 8.4 2.3880 +0.0013 + 9.092 +0.306 29°3783

74. 8.29	3	19 47 50.443	29 51 54.91	
74. 9. 4	3	50.505	56.56	

10535 9.5 2.4238 +0.0012 + 9.093 +0.311 — —

73. 9. 1	3	19 47 51.408	28 33 20.26	†

10536 8.0 2.4670 +0.0011 + 9.094 +0.316 26°3704

72. 8.27	2	19 47 51.848	26 55 37.71	Z.C. δ $37''.4$
73. 8.25	3	51.971	37.65	
76. 9.21	3	51.803	37.27	
77. 9. 4	1	52.008	37.17	

10537 9.5 2.4072 +0.0012 + 9.098 +0.309 29°3784

81. 9.26	2	19 47 55.779	29 10 9.00	
86. 9.13	7	55.567	7.63	

10538 9.1 2.4945 +0.0010 + 9.100 +0.320 25°4010

73. 9. 8	3	19 47 56.598	25 52 16.05	Z.C. δ $15''.9$
77. 9.11	1	56.571	15.87	
81.10. 5	3	56.621	16.45	
84. 9.17	7	56.598	15.49	
84. 9.18	7	56.491	15.74	

10539 9.5 2 4084 +0.0012 + 9.100 +0.309 29°3785

73. 8.30	3	19 47 56.651	29 7 39.37	
73. 9.20	3	56.643	37.99	
78. 9. 2	3	56.824	38.18	
86. 8.30	7	56.858	38.87	

10540 9.1 2.4882 +0.0010 + 9.103 +0.320 26°3705

80. 9.13	3	19 47 58.901	26 7 3 89	
86. 9. 8	7	58.853	3.55	
86. 9.11	7	58.723	2.19	
86.10. 6	7	58.778	3.01	

10541 9.0 2.4369 +0.0012 + 9.106 +0.313 — —

90. 9.16	7	19 48 1.143	28 4 31.45	†

10542 8.5 2.4845 +0.0010 + 9.107 +0.319 26°3706

74. 9. 9	3	19 48 2.124	26 15 49.35	
75. 9.17	1	2.034	49.38	
76. 9.23	3	1.984	50.88	
76.10. 4	3	2.113	49.86	
79. 9. 8	3	2.036	49.43	
79.10. 9	2	2.019	50.02	
79.10.10	3	2.030	49.51	
80. 9. 3	3	2.081	50.97	
80. 9. 7	2	1.965	50.22	

10543 8^{m}9 2^{s}4947 +0^{s}0010 + 9$''$108 +0$''$320 25°4011

73. 9.22	3	19^{h}48^{m} 2^{s}809	25°51$'$ 56$''$47	
75. 8.23	3	2.684	56.26	
75. 9. 6	3	2.817	57.32	
77. 9.11	2	2.801	56.66	
87. 9. 8	5	2.614	58.17	

10544 9.2 2.4789 +0.0010 + 9.108 +0.318 26°3707

72. 8.23	2	19 48 3.003	26 28 50.91	
78. 9.18	3	2.958	50.90	
79.10.18	3	2.841	51.91	

10545 8.5 2.4314 +0.0012 + 9.112 +0.312 28°3514

72. 8.14	3	19 48 5.798	28 17 1.97	
72. 8.15	3	5.929	1.27	
72. 8.17	3	5.770	2.36	
75. 9.25	3	5.992	2.20	
76. 9. 1	3	5.758	1.64	
78. 8.26	2	5.678	2.94	
78. 9.23	3	5.883	3.98	

10546 7.7 2.4870 +0.0010 + 9.115 +0.319 26°3708

73. 8.14	3	19 48 8.028	26 10 30.64	
76. 9.23	2	7.989	30.16	
79 10.17	2	8.064	30.83	
80. 9.13	3	8.108	30.45	+1^{s}
80. 9.18	3	8.002	30.48	

10547 9.3 2.3851 +0.0013 + 9.116 +0.306 — —

80. 9. 4	2	19 48 8.644	29 59 18.02	†

10548 7.8 2.4451 +0.0012 + 9.117 +0.313 27°3546

72. 9.20	3	19 48 10.065	27 46 33.52	
75. 8.27	3	9.903	32.73	
75. 9. 3	3	10.203	33.65	
75. 9.20	3	10.155	33.47	
78. 9.16	3	9.978	33.08	
78. 9.19	3	10.020	32.94	
78. 9.19	3	10.100	33.68	

10549 9.0 2.4508 +0.0012 + 9.118 +0.314 27°3545

84. 9. 2	7	19 48 10.694	27 33 22.99	
84. 9. 5	7	10.707	23.68	
84. 9.10	7	10.663	23.56	
85. 9. 9	5	10.702	23.69	
85. 9.11	5	10.617	24.97	

10550 9.2 2.3858 +0.0013 + 9.118 +0.306 29°3788

74. 8.22	3	19 48 10.710	29 57 48.53	
75. 8.26	3	10.827	48.73	
75. 8.30	3	10 857	48.31	
80. 9. 4	2	10.751	48.05	
87. 9.22	5	10.685	47.72	

10551 9.0 2.4999 +0.0010 + 9.123 +0.321 25°4013

72. 9 11	2	19 48 14.533	25 40 39.75	
73. 9. 8	2	14.626	38.94	
73. 9.25	3	14 528	38.20	
74. 9.14	3	14.499	39.91	
76. 8. 9	2	14.488	38.63	
78. 9.13	3	14.668	40.40	
88. 9.22	5	14.631	40.47	−1^{m}

10552 8^{m}4 2^{s}4341 +0^{s}0012 + 9$''$124 +0$''$312 28°3515

73. 8.15	3	19^{h}48^{m}14^{s}852	28° 11$'$ 31$''$50	
74. 9.24	3	14.813	30.70	
75. 8.18	3	14.904	30.14	

10553 9.0 2.5070 +0.0009 + 9.124 +0.322 25°4014

75. 9. 9	3	19 48 15.438	25 23 48.10	
75. 9.16	3	15.507	47.60	
80. 9. 8	2	15.369	47.96	
86. 9.10	5	15.483	46.80	

10554 9.0 2.5083 +0.0009 + 9.126 +0.322 25°4015

73. 8. 5	3	19 48 16.712	25 21 1.70	
75. 9.16	2	16.436	1.28	
75. 9.18	3	16.709	1.92	
80. 9. 8	3	16.565	2.52	
86. 9.22	5	16.659	0.94	
86. 9.29	5	16.624	2.46	

10555 9.3 2.4109 +0.0012 + 9.131 +0.309 29°3790

72. 9. 3	3	19 48 20.622	29 3 19.15	
74. 9.12	2	20.542	17.70	
74. 9.28	3	20.455	18.37	
75. 9.14	3	20.285	17.81	
76. 8.17	3	20.549	18.67	

10556 9.5 2.4538 +0.0011 + 9.135 +0.315 27°3547

81.10. 1	3	19 48 23.447	27 27 19.94	+1^{m}
85. 9. 4	5	23.281	19.72	
85. 9.21	5	23.336	20.21	

10557 9.0 2.4802 +0.0010 + 9.147 +0.318 26°3710

72. 8.23	3	19 48 32.496	26 27 23.50	
72. 8.24	3	32.623	24.20	
73. 8. 6	3	32.420	24.15	
74. 9.15	3	32.539	24.50	
75. 8.25	3	32.447	24.06	
80. 8.28	3	32.311	25.53	

10558 9.3 2.4457 +0.0012 + 9.148 +0.313 27°3548

72. 8.12	3	19 48 33.414	27 46 19.60	Z.C. α 33^{s}28
74. 8.24	3	33.136	18.78	
75. 9. 3	2	33.039	19.15	
76. 8.25	3	33.206	18.46	
76. 9. 7	3	33.138	19.37	
78. 8.12	3	33.333	18.98	
78. 9.16	3	33.313	19.43	+ 10$'$
90.10. 2	7	33.521	18.39	
90.10. 9	7	33.432	18.45	

10559 9.5 2.4070 +0.0012 + 9.149 +0.308 — —

73. 8.30	3	19 48 34.607	29 12 53.62	
90. 9.15	5	34.831	54.84	

10560 8 0 2.4746 +0.0011 + 9.151 +0.317 26°3711

73. 9.16	2	19 48 36.160	26 40 31.68	
76.10. 4	3	35.967	30.91	
77. 8.30	3	36.005	32.54	
78. 9.26	2	35.894	31.03	
78.10. 3	3	35.915	31.37	
79. 9.27	3	36.001	31.63	
79.10. 9	2	35.883	31.48	
79 10.10	3	35.942	30.77	
80. 9. 7	3	36.025	31.22	

10561 $9^{m}.2$ $2^{s}.4462$ $+0^{s}.0012$ $+\ 9''.153$ $+0''.313$ 27°3549

72. 8.19	3	$19^{h}48^{m}37^{s}.645$	27° 45′ 31″.90	
72. 9.20	2	37.855	34.10	[doubtful
76. 8.25	1	37.815	31.68	microm.

10562 9.0 2.3989 +0.0013 + 9.156 +0.307 29°3791

72. 8.28	3	19 48 39.455	29 30 49.65	
74. 8.29	3	39.618	49.11	
75. 9.14	3	39.578	49.61	
86. 9.30	5	39.546	50.33	

10563 9.0 2.4383 +0.0012 + 9.156 +0.312 28°3517

73. 9. 4	2	19 48 39.910	28 3 26.92	
74. 9.24	3	39.773	26.50	
77. 9. 1	3	39.827	26.89	

10564 7.5 2.4853 +0.0010 + 9.159 +0.318 26°3712

74. 9. 9	3	19 48 41.963	26 16 7.56	
76. 8.11	2	41.838	7.42	
79. 9. 4	3	41.787	10.90	
85. 9.22	7	41.905	8.15	

10565 9.5 2.4938 +0.0010 + 9.162 +0.319 — —

73. 8.21	3	19 48 44.416	25 56 9.10	†

10566 9.0 2.4297 +0.0012 + 9.162 +0.311 28°3518

72. 7.19	3	19 48 44.376	28 23 3.83	
72. 8.14	3	44.601	3.85	
72. 8.20	3	44.495	2.56	
76.10.11	3	44.536	3.62	
78. 9.23	3	44.514	5.89	

10567 9.4 2.4758 +0.0011 + 9.164 +0.317 26°3713

84.10. 4	2	19 48 45.825	26 38 3.85	†

10568 9.1 2.4765 +0.0011 + 9.176 +0.317 26°3714

84. 9.20	7	19 48 55.190	26 36 57.60	
84. 9.22	7	55.153	58.37	
84. 9.25	7	55.237	58.92	
84. 9.29	7	55.250	59.35	

10569 9.1 2.4896 +0.0010 + 9.177 +0.319 26°3715

81.10. 5	3	19 48 56.235	26 6 39.27	Z.C. α $56^{s}.05$
85. 9. 1	5	56.014	38.27	
85. 9.15	5	55.910	38.23	

10570 8.7 2.4384 +0.0012 + 9.179 +0.312 28°3521

72. 8.15	2	19 48 57.509	28 3 42.42	
72. 8.17	2	57.728	42.51	
73. 8.15	1	57.690	43.80	
75. 9.15	2	57.589	43.10	
76. 9. 1	3	57.803	42.42	

10571 9.0 2.4401 +0.0012 + 9.185 +0.312 27°3550

75. 8.16	3	19 49 2.076	28 0 37.79	
75. 9.20	3	2.154	38.58	
76. 8.14	3	2.085	37.96	

10572 8.7 2.4941 +0.0010 + 9.194 +0.319 25°4018

73. 8.21	2	19 49 9.185	25 56 46.14	
73. 9.22	3	9.163	43.52	
74. 9.14	3	8.947	45.13	
85. 9.24	7	9.108	46.20	

10573 $9^{m}.3$ $2^{s}.4125$ $+0^{s}.0012$ $+\ 9''.201$ $+0''.309$ — —

80 8 31	3	$19^{h}49^{m}14^{s}.411$	29° 3′ 11″.30	†

10574 9.0 2.3906 +0.0013 + 9.206 +0.306 29°3793

73. 8.22	3	19 49 18.249	29 51 1.89	
74. 9. 4	3	18.462	1.27	
75. 8.26	3	18.472	0.05	
76. 8.17	3	18.446	0.56	
88. 9.19	7	18.485	1.66	
88.10. 5	5	18.461	1.05	

10575 8.8 2.4954 +0.0010 + 9.207 +0.319 25°4019

74. 9.14	2	19 49 18.663	25 54 5.21	
74.10.21	3	18.686	4.37	
87. 9. 6	7	18.676	5.93	
90. 9.12	5	18.733	4.98	

10576 8.7 2.3808 +0 0013 + 9.211 +0.304 30°3803

92. 8.20	7	19 49 22.164	30 12 40.74	
92. 8.22	7	22.225	40.37	

10577 8.2 2.3949 +0.0013 + 9.213 +0.306 29°3795

72. 9. 5	1	19 49 23.914	29 41 55.12	
73. 9.20	3	23.667	55.39	c.d.l.
75. 8.30	3	23.549	55.00	
86.10. 2	7	23.665	55.53	

10578 9.0 2.4404 +0.0012 + 9.220 +0.312 27°3553

73. 9. 1	2	19 49 29.371	28 1 23.15	
75. 8.18	3	29.447	20.75	

10579 8.3 2.4672 +0.0011 + 9.222 +0.315 26°3717

73. 8.14	3	19 49 30.587	27 0 11.19	+ 5′
74. 9.15	3	30.787	10.26	
75. 8.25	3	30.730	10.84	
76. 8.22	3	30.671	9.33	
78. 9.13	3	30.782	12.31	

10580 9.2 2.4820 +0.0010 + 9.229 +0.317 — —

90. 9.27	6	19 49 36.078	26 26 31.13	†

10581 9.5 2.4402 +0.0012 + 9.232 +0.312 — —

73. 9. 1	3	19 49 38.650	28 2 5.06	†

10582 8.0 2.5187 +0.0009 + 9.233 +0.322 24°3925

81. 9.26	3	19 49 38.947	25 0 16.48	
81. 9.28	3	38.983	16.63	
81. 9.30	3	38.912	15.96	

10583 8.8 2.5216 +0.0009 + 9.235 +0.323 24°3926

81. 9.19	3	19 49 40.815	24 53 31.86	Z.C. δ 31″.4
84. 9.12	7	40.703	30.82	
85. 9. 3	5	40.667	31.63	

10584 8.2 2.5005 +0.0010 + 9.238 +0.320 25°4020

73. 9.22	2	19 49 43.141	25 43 38.57	
75. 8.23	3	43.257	38.97	
75. 9.16	2	43.083	38.70	
76. 8. 9	2	43.076	39.32	

10585 9.0 2.4816 +0.0010 + 9.240 +0.317 — —

73. 8.25	2	19 49 44.573	26 27 39.71	† clds.

10586 $8\overset{\mathrm{m}}{.}6$ $2\overset{\mathrm{s}}{.}4768$ $+0\overset{\mathrm{s}}{.}0011$ + $9\overset{\prime\prime}{.}245$ $+0\overset{\prime\prime}{.}316$ $26^{\circ}3720$

73. 9.16	3	$19^{\mathrm{h}}49^{\mathrm{m}}48\overset{\mathrm{s}}{.}249$	$26^{\circ}39'\ 5\overset{\prime\prime}{.}74$	Z.C. $\delta 5\overset{\prime\prime}{.}6$
76. 9.21	3	48.187	5.60	
76. 9 23	2	48.398	5.28	−5′
76.10. 4	3	48.328	5.68	
77. 9. 4	3	48.104	4.88	
78. 8.27	3	48.125	5.75	
81.10. 1	3	48.386	6.32	

10587 Not found on revision: not found on Oxford photograph 95.9.25. Z.C. 10^{s} wrong: see appendix 10583^{a}

10588 8.8 2.4828 +0.0010 + 9.253 +0.317 $26^{\circ}3721$

73. 8. 6	3	19 49 55.094	26 25 37.30	− 1 int.
76. 8.22	2	54.948	35.94	
80. 8.28	3	55.103	37.71	
86.10. 4	7	55.024	37.37	
90. 9.11	7	55.056	37.55	

10589 8.6 2.3925 +0.0013 + 9.254 +0.306 $29^{\circ}3799$

72. 8.28	1	19 49 55.872	29 49 6.43	clds. − 1′
72. 9. 3	3	55.942	8.54	
73. 8.22	3	55.650	8.55	
74. 9.28	3	55.731	8.86	
75. 8.26	3	55.669	8.04	−5′
78. 9. 3	3	55.728	8.70	
78. 9.23	3	55.875	10.09	
87. 9. 7	7	55.928	10.40	

10590 9.1 2.4011 +0.0013 + 9.259 +0.307 $29^{\circ}3800$

88. 9.21	6	19 49 59.340	29 30 29.74	
88. 9.26	6	59.397	28.78	

10591 8.9 2.4873 +0.0010 + 9.260 +0.318 $26^{\circ}3723$

72. 8.27	3	19 50 0.352	26 15 18.25	
74. 9. 9	3	0.359	15.97	
87. 9. 8	5	0.308	17.04	

10592 9.1 2.4453 +0.0012 + 9.261 +0.312 $27^{\circ}3555$

84. 8.19	7	19 50 0.535	27 51 50.06	†

10593 9.2 2.4371 +0.0012 + 9.262 +0.311 $28^{\circ}3527$

79. 9.15	2	19 50 1.648	28 10 31.36	†

10594 9.2 2.4564 +0.0011 + 9.268 +0.314 $27^{\circ}3556$

74.10. 8	2	19 50 6.622	27 26 53.49	
75. 9.20	3	6.340	54.30	

10595 6 9 2.3915 +0.0013 + 9.270 +0.305 $29^{\circ}3802$

74. 8 22	3	19 50 7.430	29 51 59.94	d.l.
74. 8.29	3	7.409	58.09	c. d. l.
77. 8.31	2	7.664	58.97	s.d.s.p.
87. 9.22	5	7.386	59.15	Z.C. $\delta 59\overset{\prime\prime}{.}0$

10596 9.1 2.4560 +0.0011 + 9.271 +0.314 $27^{\circ}3557$

72. 8.19	3	19 50 8.641	27 27 58.52	
74.10. 8	3	8.762	59.00	
75. 8.27	3	8.743	59.25	
75. 9.20	1	8.540	59.59	
76. 8.14	3	8.601	58.26	

10597 9.2 2.4476 +0.0012 + 9.277 +0.313 $27^{\circ}3558$

72. 9.20	3	19 50 13.182	27 47 15.21	
73. 9. 4	3	13.238	14.97	clds.
74. 8.24	3	13.224	14.58	
78. 8.12	2	13.394	15.55	clds.

10598 $8\overset{\mathrm{m}}{.}5$ $2\overset{\mathrm{s}}{.}4843$ $+0\overset{\mathrm{s}}{.}0010$ + $9\overset{\prime\prime}{.}279$ $+0\overset{\prime\prime}{.}317$ $26^{\circ}3725$

72. 8.23	3	$19^{\mathrm{h}}50^{\mathrm{m}}14\overset{\mathrm{s}}{.}623$	$26^{\circ}23'\ 1\overset{\prime\prime}{.}52$	
72. 8.24	3	14.620	1.80	
73. 8.25	2	14.286	2.57	clds.
76. 8.11	2	14 459	0.86	

10599 9.2 2.4932 +0.0010 + 9.279 +0.319 $25^{\circ}4023$

80. 9. 7	2	19 50 14.814	26 2 17.72	
80. 9.18	3	14.835	18.26	

10600 9.2 2.4303 +0.0012 + 9.284 +0.310 $28^{\circ}3528$

72. 7.19	3	19 50 18.207	28 26 42.30	
75.10. 6	2	18.230	42.66	

10601 8.1 2.3974 +0.0013 + 9.286 +0.306 $29^{\circ}3805$

73. 9.20	3	19 50 20.335	29 39 36.79	
74. 9. 4	3	20.272	37.49	
78. 9. 3	3	20.289	37.27	
88. 9.27	7	20.304	37.70	

10602 8.9 2.4146 +0.0012 + 9.289 +0.308 $28^{\circ}3529$

80. 8.31	3	19 50 22.038	29 1 47.53	
84. 9.17	7	22.099	47.60	
88. 9.14	5	21.974	48.61	

10603 9.0 2.5011 +0.0010 + 9.290 +0.320 $25^{\circ}4024$

72. 9.11	3	19 50 22.889	25 44 14.78	
73. 8. 5	3	22.826	15.36	
73. 9. 8	3	22.760	14.84	
73. 9.22	1	22 878	15.03	
74.10.21	3	22.850	14.02	

10604 9.4 2.4924 +0.0010 + 9.290 +0.319 $26^{\circ}3726$

80. 9.18	2	19 50 23.078	26 4 37.36	†

10605 9.1 2.5122 +0.0009 + 9.294 +0.321 $25^{\circ}4025$

73. 9.25	3	19 50 26.657	25 17 60.30	
75. 9. 9	1	26.469	59.99	

10606 9.0 2.5121 +0.0009 + 9.296 +0.321 $25^{\circ}4026$

73. 9.25	3	19 50 27.858	25 18 20.52	Z.C. $\alpha 27\overset{\mathrm{s}}{.}94$
74. 9.14	2	27.996	20.33	
75. 8.23	3	27.891	20.08	
75. 9. 6	3	28.009	21.43	−15′
75. 9. 9	3	27.957	20.91	
75. 9.18	3	27.936	20.25	n.f. of 2

10607 9.5 2.4196 +0.0012 + 9.298 +0.309 — —

77. 9. 8	2	19 50 29.530	28 51 15.26	† Z.C. $\delta 15\overset{\prime\prime}{.}3$

10608 7.9 2.4107 +0.0012 + 9.303 +0.307 $29^{\circ}3809$

73. 8.30	3	19 50 33.066	29 11 9.08	Z.C. $\delta 9\overset{\prime\prime}{.}5$
74. 9.28	3	33.346	8.98	
75. 8.30	3	33.187	9.71	
76. 8.17	3	33.163	8.93	
78. 9.12	3	33.221	10.31	
78. 9.20	3	33.095	10.38	
88. 9.13	7	33.138	8.90	

10609 8.9 2.3834 +0.0013 + 9.304 +0.304 $30^{\circ}3808$

72. 9. 5	2	19 50 33.716	30 10 56.93	
75. 9.14	3	33.631	57.51	
78. 9.20	1	33.681	57.30	
79. 9. 2	3	33.666	57.58	
79. 9. 3	2	33.509	57.53	

10610	$9^{m}.2$	$2^{s}.4404$	$+0^{s}.0012$	$+\ 9''.305$	$+0''.311$	28°3530
72. 8.20	3	$19^{h}50^{m}34^{s}.983$	$28^{\circ}\ 4'\ 53''.70$			
79. 8.28	1	35.168	52.62			
85. 9. 4	5	35.017	53.46			
85. 9. 9	5	34.858	54.54			
85. 9.11	5	34.932	54.50			
10611	9.4	2.4454	+0.0012	+ 9.306	+0.312	27°3559
81.10. 1	2	19 50 35.698	27 53 25.46			Z.C.δ $25''.4$
84. 9.18	7	35.660	25.38			
88. 9.22	7	35.871	25.50			
10612	9.1	2.4340	+0.0012	+ 9.307	+0.311	28°3531
81. 9.23	3	19 50 36.109	28 19 24.84			Z.C.δ $25''.1$
85. 9.18	7	36.130	25.52			
85. 9.21	7	36.115	24.92			
10613	8.0	2.4313	+0.0012	+ 9.310	+0.310	28°3532
72. 7.19	2	19 50 38.110	28 25 35.71			
74. 9.24	3	38.331	35.45			
75.10. 6	2	38.193	35.97			
76.10.11	3	38.274	34.82			
78. 9.16	3	38.187	35.99			
78. 9.19	3	38.270	35.89			
10614	9.4	2.4375	+0.0012	+ 9.314	+0.311	28°3534
73. 8.15	3	19 50 41.404	28 11 47.87			
79. 9. 1	1	41.797	46.29			-1^{s}
79. 9. 2	1	41.550	48.82			
79. 9. 8	3	41.558	47.24			
79. 9.15	3	41.539	47.31			
79.10. 1	3	41.322	48.25			
79.10.10	3	41.564	47.89			
86. 9.10	5	41.390	47.94			
86. 9.30	5	41.471	48.68			
10615	9.4	2.4393	+0.0012	+ 9.315	+0.311	28°3533
73. 9. 1	2	19 50 42.414	28 7 43.95			Z.C.δ $43''.4$
77. 9. 1	2	42.719	44.02			
79. 8.26	3	42.583	43.83			
79. 8.28	3	42.463	42.16			
79. 9. 1	3	42.609	43.00			
10616	9.1	2.4472	+0.0012	+ 9.320	+0.312	27°3560
84. 8.21	5	19 50 46.138	27 49 60.02			
84. 8.22	7	46.369	59.36			
85. 9. 1	5	46.350	59.20			
10617	9.4	2.4251	+0.0012	+ 9.322	+0.309	28°3535
86. 9.15	7	19 50 47.632	28 39 59.56			†
10618	8.9	2.4191	+0.0012	+ 9.330	+0.308	28°3536
72. 8.14	3	19 50 54.002	28 53 43.50			
75.10. 6	2	53.994	43.25			
76. 9. 1	3	54.139	43.55			
10619	9.5	2.4382	+0.0012	+ 9.334	+0.310	— —
80. 9. 3	3	19 50 57.225	28 10 57.19			†
10620	9.5	2.4934	+0.0010	+ 9.336	+0.318	— —
73. 8.14	3	19 50 58.466	26 4 19.07			†
10621	9.2	2.4592	+0.0011	+ 9.338	+0.313	27°3561
90. 9.29	7	19 51 0.247	27 23 22.61			†

10622	$9^{m}.0$	$2^{s}.4030$	$+0^{s}.0013$	$+\ 9''.345$	$+0''.306$	29°3811
73. 8.30	3	$19^{h}51^{m}\ 5^{s}.490$	$29^{\circ}\ 29'\ 55''.99$			+5′
74. 8.29	3	5.504	55.44			Z.C.α $5^{s}.48$
74. 9.12	3	5.457	55.68			
10623	9.0	2.4927	+0.0010	+ 9.351	+0.318	26°3733
73. 8.14	3	19 51 10.694	26 6 33.26			
90.10. 9	7	10.592	30.67			
10624	9.1	2.4449	+0.0012	+ 9.356	+0.311	27°3562
72. 8.12	3	19 51 14.405	27 56 49.95			
72. 9.20	3	14.589	48.68			
73. 9. 4	3	14.550	48.45			
75 8.27	3	14.475	48.32			
76. 8.14	3	14 574	47.63			
10625	9 1	2.5209	+0.0009	+ 9.359	+0.321	24°3936
81. 9.26	3	19 51 16.863	24 59 54.04			Z.C.δ $53''.6$
81. 9.30	3	16.945	53.10			
10626	9.5	2.4942	+0.0010	+ 9.367	+0.318	26°3734
73. 8. 6	3	19 51 22.992	26 3 36.33			†
10627	9.5	2.4941	+0.0010	+ 9 374	+0.318	26°3735
72. 8.27	3	19 51 28.066	26 4 1.60			
73. 8. 6	2	27.962	0.71			
10628	8.6	2.4361	+0.0012	+ 9.375	+0.310	28°3539
72. 8.15	3	19 51 29.264	28 17 35.21			
75. 8.18	2	29.255	37.52			−1′
75. 9.15	3	29.319	38.18			
10629	9.0	2.4201	+0.0013	+ 9.378	+0.308	28°3540
72. 8.17	3	19 51 31.194	28 53 30.69			†
10630	9.4	2.4665	+0.0011	+ 9.383	+0.314	27°3564
75. 8.16	1	19 51 35.042	27 8 26.10			†
10631	9.0	2.4052	+0.0013	+ 9.387	+0.306	— —
75. 8.26	3	19 51 38.518	29 27 2.35			†
10632	9.3	2.4714	+0.0011	+ 9.391	+0.314	26°3737
74. 9. 9	3	19 51 41.105	26 57 38.26			
74. 9.15	3	41.221	38.97			
10633	9.0	2.4989	+0.0010	+ 9.395	+0.318	25°4032
73. 8. 5	3	19 51 44.390	25 53 18.99			
73. 8.21	3	44.308	20.27			
73. 9. 8	3	44.131	19.77			
73. 9.22	3	44.350	18.25			
10634	9.3	2.4267	+0.0013	+ 9.398	+0.309	28°3541
72. 8.20	3	19 51 46.307	28 39 39.09			
74. 9.24	3	46.375	40.08			
76. 8.25	2	46.539	40.63			
76.10.11	3	46.509	40.50			
96. 8.25	7	46.244	39.89			§
96. 8.26	7	46.191	39.84			§ clds.
96. 8.27	7	46.184	41.10			§
10635	9.4	2.5230	+0.0009	+ 9.398	+0.321	24°3940
81. 9.28	3	19 51 47.045	24 56 36.40			Z.C.δ $36''.1$
85. 9. 3	4	47.059	35.87			

10636 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.4121$ $+0^{\mathrm{s}}.0013$ + $9''.399$ $+0''.307$ 29°3815

72. 9. 3	3	$19^{\mathrm{h}}51^{\mathrm{m}}47^{\mathrm{s}}.938$	$29^{\circ}12'11''.89$	
72. 9. 5	2	47.985	12.69	
73. 9.20	3	47.782	12.08	
78. 9. 3	3	47.868	11.16	

10637 8.8 2.4010 +0.0013 + 9.401 +0.305 29°3816

74. 8.22	3	19 51 49.452	29 36 44.61	
95. 8.12	7	49.484	41.38	
95. 8.13	7	49.487	42.14	
95. 8.14	7	49.478	42.16	+ 5′

10638 8 0 2.4580 +0.0011 + 9.405 +0.313 27°3566

72. 7.30	3	19 51 52.424	27 28 54.49	
72. 8.12	3	52.244	56.40	
72. 8.19	3	52.182	55.73	
72. 8.19	1	52.352	55.88	
74. 8.24	3	52.067	55.97	
75. 8.27	1	52.027	56.08	

10639 8.7 2.4904 +0.0010 + 9.406 +0.316 26°3739

72. 8.23	3	19 51 53.375	26 13 56.00	
73. 9.16	3	53.212	56.18	
76. 8.22	3	53.082	54.34	
78. 9.18	3	53.105	55.00	
78. 9.18	2	53.215	55.60	

10640 9.0 2.4054 +0.0013 + 9.407 +0 306 29°3817

73. 8.22	2	19 51 54.270	29 27 20.27	
79. 9. 2	1	54.188	20.47	

10641 7.9 2.5178 +0.0010 + 9.411 +0.320 25°4034

72. 9.11	3	19 51 56.858	25 9 17.05	
75. 9. 6	3	56.991	17.61	
76. 8. 9	3	56.968	17.37	
76. 8.21	3	56.914	17.25	

10642 8.8 2.5025 +0.0010 + 9.421 +0.318 25°4036

73. 9. 8	3	19 52 4.616	25 45 60.08	
74. 9.14	3	4.826	59.26	
75. 8.23	3	4.862	59.29	
90. 9.11	4	4.866	59.26	

10643 9.5 2.4847 +0.0010 + 9.424 +0.316 — —

80. 8.28	3	19 52 7.045	26 28 8.13	† s.p. of 2

10644 8.9 2.4019 +0.0013 + 9 427 +0.305 29°3818

72. 9. 3	2	19 52 9.521	29 35 58.74	
75. 8.30	3	9.278	58.19	

10645 9.4 2.3916 +0.0013 + 9.428 +0.304 29°3819

73. 8.30	3	19 52 9.856	29 58 38.85	
74. 8.29	3	10.003	37.93	

10646 8.2 2.4052 +0.0013 + 9.430 +0.306 29°3820

75. 9.14	3	19 52 11.884	29 28 53.37	Z.C. α $11^{\mathrm{s}}.83$
78. 9.12	2	11.726	54.70	−5′
78. 9.20	2	11.792	55.24	
79. 9. 3	3	11.834	54.49	+ 15′
79. 9. 8	3	11.807	52.99	
79. 9.15	3	11.796	54.15	
79. 10. 1	3	11.818	54.15	+ 5′
80 9. 3	3	11.914	54.13	
80. 9. 3	3	11.864	54.65	

10647 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.4760$ $+0^{\mathrm{s}}.0011$ + $9''.434$ $+0''.315$ 26°3740

73. 8.25	2	$19^{\mathrm{h}}52^{\mathrm{m}}14^{\mathrm{s}}.855$	$26^{\circ}48'51''.31$	w. 2−1^{s}
74. 9. 9	3	14.876	49.39	
76. 8.11	3	15.058	48.95	
76. 9.20	2	14.957	50.78	+ 1 int.
76. 9.21	3	14.891	50.20	
77. 9. 4	3	14.941	50.25	

10648 9.1 2.4912 +0.0010 + 9.437 +0.316 26°3741

73. 9.16	2	19 52 17.452	26 13 18.88	Z.C. α $17^{\mathrm{s}}.18$
76. 8.22	2	17.091	17.30	
81. 9.23	3	17 129	19.17	
81. 9.28	3	17.125	19.63	+ 5′
86. 8.31	5	17.104	19.35	
86. 9. 1	5	17.150	19.76	
86. 9. 8	7	17.234	18.53	

10649 9.0 2.4178 +0.0013 + 9.438 +0.307 28°3543

73. 8.15	3	19 52 18.183	29 1 14.49	
74. 10.12	3	18.387	13.37	
76. 8.17	3	18.350	14.77	
76. 10 11	2	18.418	14.05	
80. 8.31	3	18.480	14.69	

10650 7.0 2.4355 +0.0012 + 9.440 +0.310 28°3542

72. 8.14	3	19 52 19.380	28 21 36.05	
73. 9. 1	3	19.273	34.99	
75. 9.15	3	19.350	35.41	

10651 9.4 2.4761 +0.0011 + 9.443 +0.315 26°3743

73. 8.25	3	19 52 21.935	26 48 45.90	
76. 9 20	2	22.109	45.21	
76. 9.21	3	21.881	45.54	
77. 9. 4	3	21.961	45.71	
78. 9 13	3	22.106	45.70	
81. 9.19	2	22.248	45.72	

10652 9.3 2.4194 +0.0013 + 9.446 +0.307 28°3544

72. 8.15	3	19 52 23.991	28 57 54.96	
75. 10. 6	3	24.090	56.85	

10653 9.4 2.3921 +0.0013 + 9.451 +0.304 29°3821

73. 9.20	1	19 52 28.077	29 58 43.90	
74. 9.28	3	28.219	43.66	
80. 9. 4	2	28.107	43.97	
81. 9.14	3	28.414	42.79	

10654 7.9 2.4963 +0.0010 + 9.460 +0.317 25°4040

72. 9.11	3	19 52 35.434	26 2 15.78	
73. 9.22	2	35.431	14.97	
75. 9. 9	3	35.167	16.05	
76. 9.23	3	35.290	15.72	
78. 8.27	3	35.293	15.34	
78. 9.26	3	35.390	16.42	
80. 9. 7	3	35.326	15.79	
80. 9.18	3	35.252	15.38	
80. 9.18	3	35.312	15.93	

10655 7.6 2.4983 +0.0010 + 9.461 +0.317 25°4041

73. 9.25	3	19 52 35.516	25 57 32.04	
74. 10.21	3	35.530	29.73	
78. 9 26	2	35.363	32.23	
80. 9. 4	3	35.456	32.41	
83. 8.28	7	35.548	32.42	

10656 $9^{m}.1$ $2^{s}.5226$ $+0^{s}.0010$ $+ 9''.465$ $+0''.320$ 24°3946

81. 9.26	3	$19^{h}52^{m}38^{s}.705$	24° 59′ 58″.13	
81. 9.30	3	38.566	58.20	
81.10. 1	3	38.682	58.51	
88. 9.14	4	38.581	58.97	

10657 8.0 2.4740 +0.0011 + 9.473 +0.314 26°3744

72. 8.27	3	19 52 45.173	26 54 60.82	
74. 9.15	3	45.199	59.09	
78.10. 3	3	45.096	58.65	
80. 9.13	3	45.246	58.87	

10658 9.0 2.5190 +0.0010 + 9.478 +0.320 25°4044

73. 8. 5	3	19 52 49.337	25 9 6.78	
73. 8.21	3	49.321	7.09	
73. 9.25	3	49.446	6.92	
75. 9. 6	3	49.297	6.41	
76. 8.21	3	49.260	6.11	

10659 8.4 2.4745 +0.0011 + 9.479 +0.314 26°3745

72. 8.27	2	19 52 50.015	26 53 51.38	
74. 9.15	3	50.009	51.49	
78. 9.13	1	50.022	51.29	
78. 9.18	2	49.922	52.25	
80. 9. 7	3	49.841	51.77	
80. 9.13	3	50.082	51.64	

10660 7.6 2.4316 +0.0013 + 9.480 +0.309 28°3546

72. 8.17	3	19 52 50.227	28 32 15.68	
74. 9.24	3	50.272	16.31	
77. 8.31	3	50.258	15.57	

10661 9.3 2.4977 +0.0010 + 9.484 +0.317 25°4046

76. 8.21	1	19 52 53.993	25 59 58.58	†

10662 9.0 2.4196 +0.0013 + 9.486 +0.307 28°3547

72. 7.19	3	19 52 55.474	28 59 21.90	
72. 8.20	3	55.413	20.49	
74.10.12	3	55.445	21.60	
76. 8.17	3	55.427	23.34	
77. 9. 1	3	55.657	21.82	
77. 9. 8	3	55.434	21.76	
78. 8.26	3	55.386	22.27	
79. 9. 8	2	55.783	22.03	
79. 9.15	1	55.363	20.84	
87. 9. 7	7	55.617	22.85	

10663 9.2 2.4884 +0.0010 + 9.499 +0.316 26°3746

72. 8.23	2	19 53 5.005	26 22 32.10	Z.C. δ 32″.3
73. 8. 6	3	5.029	32.29	
77. 8.30	3	5.027	32.70	
77. 9. 4	1	5.134	32.20	

10664 9.2 2.4414 +0.0012 + 9.499 +0.309 28°3548

85. 9. 9	3	19 53 5.229	28 10 55.15	
85. 9.11	7	5.162	54.53	
86. 9.15	7	5.157	52.75	

10665 9.4 2.4952 +0.0010 + 9.501 +0.317 26°3747

73. 8.14	3	19 53 7.336	26 6 28.14	
86. 9. 7	7	7.367	25.96	

10666 8.9 2.4269 +0.0013 + 9.509 +0.308 28°3551

74. 9.24	1	19 53 13.078	28 43 56.04	
75. 9.15	3	13.142	56.59	
78. 9.19	3	13.047	56.39	

10667 $8^{m}.5$ $2^{s}.5027$ $+0^{s}.0010$ $+ 9''.512$ $+0''.317$ 25°4048

73. 9. 8	3	$19^{h}53^{m}15^{s}.642$	25° 49′ 26″.36	
75. 8.23	3	15.530	25.82	
75. 9. 9	3	15.524	26.70	
76. 8. 9	2	15.509	26 38	

10668 8.1 2.4392 +0.0012 + 9.512 +0.309 28°3552

73. 9. 1	3	19 53 15.686	28 16 22.87	Z.C. δ 22″.3
76. 8.25	1	15.586	21.69	
77. 8.31	3	15.417	22.30	

10669 9.2 2.4803 +0.0011 + 9.514 +0.315 26°3748

81. 9.23	2	19 53 17.056	26 42 6.00	
85. 9.21	5	16.813	6.54	

10670 8.1 2.4293 +0.0013 + 9.517 +0.308 28°3553

73. 8.15	3	19 53 19.743	28 39 4.12	
78. 9.19	2	19.832	4.13	
78. 9.23	3	19.767	5.40	
79. 8.26	3	19.771	4.35	
79. 8.28	3	19.550	3.48	
79. 9. 1	3	19.816	4.35	
79. 9. 2	2	19.647	4.94	
79. 9. 3	2	19.668	4.43	

10671 8.4 2.4683 +0.0011 + 9.522 +0.313 27°3572

72. 8.19	2	19 53 23.691	27 10 21.88	
72. 9.20	3	23.664	22.52	
73. 9. 4	3	23.704	23.29	
74.10. 8	3	23.781	21.75	
75. 8.16	3	23.611	21.70	
76. 8.14	3	23.518	21.30	

10672 9.1 2.4495 +0.0012 + 9.528 +0.310 27°3573

72. 8.12	3	19 53 28.094	27 53 47.48	
74. 8.24	3	27.927	47.92	

10673 8.0 2.4041 +0.0013 + 9.538 +0.305 29°3829

72. 8.28	3	19 53 36.145	29 36 11.88	
72. 9. 5	3	36.074	11.96	$+ 1^{s}$
73. 8.30	3	36.084	11.09	
74. 9. 4	3	36.025	11.53	
74. 9.28	3	36.008	11.95	
75. 8.26	3	36.124	11.65	
75. 8.30	3	36.021	11.93	

10674 9.5 2.5256 +0.0010 + 9.547 +0.319 24°3954

85. 9. 3	5	19 53 42.758	24 55 59.33	
86. 8.30	7	42.820	59.27	

10675 9.2 2.4438 +0.0012 + 9.551 +0.309 28°3555

72. 8.14	3	19 53 46.462	28 7 42.53	
72. 8.15	3	46.322	40.78	
72. 8.17	3	46.259	41.46	
75. 8.18	3	46.279	41.77	
75.10. 6	3	46.280	42.48	

10676 9.3 2.3892 +0.0013 + 9.554 +0.302 30°3839

72. 9. 3	3	19 53 48.288	30 9 31.09	
74. 8.22	3	48.028	32.29	

10677 8.6 2.5078 +0.0010 + 9.556 +0.317 25°4050

73. 9.22	3	19 53 50.183	25 39 1.04	
73. 9.25	3	49.984	1.85	
75. 9. 6	3	50.110	1.90	
76. 8. 9	3	50.211	1.31	

10678	$9^{\mathrm{m}}.5$	$2^{\mathrm{s}}.4198$	$+0^{\mathrm{s}}.0013$	$+9''.558$	$+0''.306$	— —
	74. 8.29	3	$19^{h}53^{m}51^{s}.047$	$29^{\circ}\ 2'\ 9''.23$		† v. ft.
10679	8.4	2.5171	+0.0010	+ 9.558	+0.318	25°4051
	72. 9.11	3	19 53 51.391	25 23 10.02		
	73. 8.21	2	51.390	10.39		
	74.10.21	3	51.315	8.76		
10680	8.8	2.3930	+0.0013	+ 9.562	+0.303	29°3830
	92. 8.20	7	19 53 54.074	30 1 36.72		
	92. 8.22	7	54.206	36.71		
10681	9.5	2.4989	+0.0010	+ 9.564	+0.316	25°4052
	73. 9. 8	1	19 53 56.383	26 0 23.08		
	74. 9.14	3	56.346	23.07		
10682	7.0	2.4691	+0.0011	+ 9.569	+0.312	27°3574
	72. 7.30	3	19 54 0.478	27 10 22.20		
	72. 9.20	3	0.262	23.95		
	73. 9. 4	3	0.133	25.20		
	75. 8.16	3	0.239	24.08		
	75. 8.27	3	0.227	24.41		
10683	9.4	2.4981	+0.0010	+ 9.571	+0.316	25°4053
	80. 9.18	3	19 54 1.238	26 2 34.37		†
10684	9.4	2.4317	+0.0013	+ 9.573	+0.308	28°3558
	81.10. 1	3	19 54 3.057	28 36 5.81		
	86. 9. 1	5	3.086	6.41		
	86. 9. 8	5	2.986	5.67		
10685	8.7	2.4972	+0.0010	+ 9.575	+0.316	26°3751
	72. 8.23	2	19 54 4.875	26 5 11.11		+ 5′
	73. 8.14	3	4.667	11.30		
	74. 9. 9	3	4.591	8.15		
	76. 9.23	3	4.655	9.38		
	78. 9.26	3	4.682	9.59		
	78.10. 3	3	4.768	8.76		v. ft.
10686	8.3	2.5159	+0.0010	+ 9.584	+0.318	25°4055
	73. 8.21	2	19 54 11.952	25 20 56.18		
	75. 8.23	3	11.861	54.52		
	75. 9. 9	2	12.013	55.57		
	78. 8.27	3	11.997	54.46		
10687	9.1	2.4931	+0.0010	+ 9.586	+0.315	26°3753
	73. 8.25	3	19 54 13.621	26 15 9.40		
	74. 9.15	3	13.723	8.41		
	76. 8.11	3	13.641	10.11		
10688	9.3	2.4247	+0.0013	+ 9.587	+0.307	28°3559
	78. 9.23	3	19 54 14.410	28 52 24.12		†
10689	9.4	2.4893	+0.0011	+ 9.591	+0.315	26°3754
	80. 9. 3	3	19 54 17.174	26 24 15.38		†
10690	9.2	2.4505	+0.0012	+ 9.592	+0.310	27°3576
	74.10. 8	3	19 54 17.592	27 54 7.40		†
10691	9.5	2.4061	+0.0013	+ 9.592	+0.304	29°3834
	74. 8.29	3	19 54 17.847	29 34 12.44		†
10692	$9^{\mathrm{m}}.5$	$2^{\mathrm{s}}.4459$	$+0^{\mathrm{s}}.0012$	$+9''.596$	$+0''.310$	28°3560
	73. 8.15	2	$19^{h}54^{m}20^{s}.823$	$28^{\circ}\ 4'\ 55''.22$		†
10693	9.5	2.3908	+0.0014	+ 9.601	+0.302	30°3842
	72. 9. 5	1	19 54 25.331	30 8 15.56		
	73. 8.22	3	25.226	14.97		
	74. 9.28	3	25.469	14.16		
	75. 8.26	3	25.221	14.69		
10694	9.4	2.4450	+0.0012	+ 9.605	+0.309	28°3561
	72. 8.14	3	19 54 28.095	28 7 23.35		
	75. 9.15	2	28.242	23.06		
	76.10.11	3	28.087	22.67		
10695	9.1	2.4218	+0.0013	+ 9.605	+0.306	28°3562
	73. 9.20	3	19 54 28.185	28 59 45.54		
	78. 9.12	3	28.182	46.49		
10696	9.4	2.4441	+0.0012	+ 9.619	+0.309	28°3564
	72. 7.19	3	19 54 39.112	28 9 57.13		
	72. 8.20	3	39.112	55.56		
	76.10.11	3	39.068	57.85		
	88. 9.14	4	39.167	56.72		
10697	9.2	2.4247	+0.0013	+ 9.628	+0.306	28°3567
	74. 9.24	3	19 54 46.411	28 54 11.49		
	78. 8.26	3	46.130	12.04		
	79. 8.26	3	46.486	12.11		
	79. 8.28	2	46.506	11.36		
10698	9.2	2.4061	+0.0013	+ 9.632	+0.304	29°3837
	74. 8.29	1	19 54 49.285	29 36 5.76		
	90. 9.11	5	49.079	5.08		
	90.10. 9	7	48.981	4.40		
10699	7.0	2.5103	+0.0011	+ 9.637	+0.317	25°4058
	72. 9.11	2	19 54 53.103	25 36 34.63		
	73. 9.22	3	52.792	33.52		
	75. 9.18	1	52.779	34.09		
	78.10. 3	1	52.920	34.30		
10700	9.4	2.4385	+0.0012	+ 9.640	+0.308	28°3568
	72. 8.15	3	19 54 55.442	28 23 36.03		
	75.10. 6	2	55.573	36.11		
10701	9.0	2.4486	+0.0012	+ 9.646	+0.309	27°3578
	72. 9.20	3	19 55 0.431	28 0 60.02		
	74. 8.24	3	0.083	59.96		
	74.10. 8	3	0.179	59.52		
	79. 8.28	2	0.287	59.14		
	80. 8.31	3	0.247	59.72		
10702	9.5	2.4442	+0.0012	+ 9.646	+0.308	28°3571
	73. 9. 1	3	19 55 0.399	28 11 1.91		†
10703	9.2	2.5109	+0.0011	+ 9.647	+0.317	25°4059
	73. 9.25	3	19 55 0.803	25 35 37.08		Z.C. δ $36''.8$
	74.10.21	3	0.940	35.59		
	81. 9.23	2	0.894	37.22		
	81. 9.30	3	0.899	37.43		$+ 1^{\mathrm{m}}$
10704	6.4	2.5045	+0.0011	+ 9.649	+0.316	25°4060
	74. 9.14	3	19 55 2.144	25 50 46.07		
	75. 8.23	3	2.194	45.42		
	76. 9.23	3	2.218	46.93		
	77. 8.21	2	2.291	46.96		

10705 $9^{m}.4$ $2^{s}.5109$ $+0^{s}.0011$ + $9''.652$ $+0''.317$ $25^{\circ}4061$

74.10.21	1	$19^{h}55^{m}4^{s}.749$	$25^{\circ}35'43''.51$	Z.C. δ $46''.0$
75. 9. 6	3	4.685	46.80	
79.10. 1	3	4.728	45.74	
81. 9.30	3	4.746	46.83	
81.10. 1	3	4.741	46.98	

10706 9.3 2.4587 +0.0012 + 9.655 +0.310 $27^{\circ}3579$

73. 9. 4	3	19 55 6.952	27 38 6.24	
75. 8.16	3	6.880	5.69	
76. 9. 7	2	7.037	5.56	

10707 9.0 2.5119 +0.0011 + 9.660 +0.317 $25^{\circ}4062$

73. 8. 5	3	19 55 11.301	25 33 49.30	
78. 8.27	3	11.151	50.48	
79. 9. 8	3	11.171	48.71	
79.10. 9	3	11.217	49.91	
79.10.10	3	11.206	49.92	
79.10.18	3	11.048	50.57	
85. 9.21	5	11.329	50.35	
86. 9. 7	5	11.114	49.84	+ 5′
90. 9.30	5	11.199	48.93	

10708 8.8 2.4924 +0.0011 + 9.661 +0.315 $26^{\circ}3757$

73. 8. 6	3	19 55 11.646	26 19 57.11	
74. 9.15	3	11.818	57.66	
76. 9.20	3	11.795	57.76	+ 1 int.
76. 9.21	3	11.569	57.96	

10709 7.2 2.4074 +0.0014 + 9.664 +0.304 $29^{\circ}3838$

72. 8.28	1	19 55 14.446	29 34 43.04	
74. 9.28	3	14.551	42.20	
75. 8.30	3	14.488	42.59	

10710 9.5 2.4384 +0.0012 + 9.668 +0.307 $28^{\circ}3574$

72. 8.20	3	19 55 17.102	28 25 5.66	
73. 9. 1	1	17.138	6.78	

10711 7.4 2.4102 +0.0013 + 9.669 +0.304 $29^{\circ}3839$

74. 8.22	3	19 55 17.821	29 28 46.19	
75. 9.14	2	17.880	44.73	
78. 9. 3	3	17.966	45.15	
81. 9.28	3	17.726	45.55	
81. 9.28	2	17.896	45.80	

10712 8.6 2.4189 +0.0013 + 9.673 +0.305 $29^{\circ}3840$

73. 8.22	3	19 55 20.856	29 9 19.25	Z.C. α $20^{s}.96$
73. 9.20	3	21.036	17.36	
78 9.12	3	20.988	18.14	
78. 9.20	3	20.860	18.70	
78. 9.23	3	21.074	19.26	+ 5′

10713 8.1 2.4807 +0.0012 + 9.675 +0.313 $26^{\circ}3758$

74. 9. 9	3	19 55 23.177	26 47 58.38	Z.C. δ $58''.6$
77. 9. 7	3	23.268	58.80	

10714 9.0 2.4609 +0.0012 + 9.681 +0.310 $27^{\circ}3582$

72. 8.12	3	19 55 27.476	27 34 8.37	
75. 8.27	3	27.338	8.00	
75. 9.20	2	27.307	7.76	d.
76. 8.25	3	27.387	7.98	

10715 9.3 2.4955 +0.0011 + 9.681 +0.315 $26^{\circ}3759$

76. 9.23	3	19 55 27.779	26 13 35.63	†

10716 $8^{m}.9$ $2^{s}.4953$ $+0^{s}.0011$ + $9''.685$ $+0''.315$ $26^{\circ}3760$

73. 8.14	2	$19^{h}55^{m}30^{s}.511$	$26^{\circ}14'\ 9''.33$	Z.C. δ $8''.7$
73. 9.16	3	30.475	9.29	
73. 9.16	2	30.446	8.45	
77. 9. 4	3	30.434	8.40	
81. 9.14	3	30.301	8.21	

10717 9.3 2.4654 +0.0012 + 9.686 +0.310 $27^{\circ}3583$

74.10. 8	2	19 55 31.750	27 24 4.77	†

10718 9.0 2.4492 +0.0012 + 9.692 +0.308 $27^{\circ}3584$

74. 8.24	3	19 55 35.971	28 1 30.37	
78. 8.12	2	35.928	31.25	clds.
80. 8.31	3	36.121	31.18	

10719 8.2 2.4088 +0.0014 + 9.692 +0.304 $29^{\circ}3844$

72. 8.28	2	19 55 36.460	29 32 44.25	
74. 8.29	1	36.615	42.86	
74. 9. 4	3	36.413	44.66	
76. 8.17	3	36.379	44.96	

10720 9.5 2 4935 +0.0011 + 9.699 +0.314 — —

78. 9.18	2	19 55 41.306	26 19 4.40	
80. 8.28	1	41.308	4.76	

10721 9.2 2.5107 +0.0011 + 9.700 +0.316 $25^{\circ}4064$

73. 9. 8	3	19 55 42.195	25 38 7.31	
73. 9.25	1	42.290	9.47	
79. 9.27	3	42.392	8.02	

10722 9.0 2.4876 +0.0012 + 9.702 +0.314 — —

73. 8.25	2	19 55 43.697	26 32 54.72	†

10723 9.1 2.4939 +0.0011 + 9.702 +0.314 $26^{\circ}3761$

72. 8.27	3	19 55 44.261	26 18 2.50	Z.C. δ $3''.0$
76.10. 4	3	44.208	2.82	
77. 9. 4	2	44.139	2.40	
78. 9.13	2	44.136	3.39	
78. 9.18	3	44.095	3.24	
78. 9.26	3	44.175	2.75	
80. 8.28	3	44.146	3.93	

10724 8.6 2.4108 +0.0013 + 9.703 +0.304 $29^{\circ}3845$

72. 9. 3	3	19 55 44.901	29 28 57.84	
73. 8.30	3	44.569	57.71	
74. 9.28	1	44.692	57.63	
79. 9. 3	3	44.737	56.18	
86. 9.15	7	44.742	53.47	

10725 8.9 2.4390 +0.0012 + 9.709 +0.307 $28^{\circ}3576$

72. 8.17	3	19 55 50.012	28 25 22.61	+ 1^{s}
72. 8.20	2	50.053	20.93	
75. 8.18	3	49.817	22.57	
76.10.11	3	49.956	21.95	

10726 5.0 2.4658 +0.0012 + 9.719 +0.310 $27^{\circ}3587$

72. 7.30	3	19 55 57.287	27 24 30.61	
72. 8.19	3	57.234	32.57	
73. 9. 4	2	57.219	34.25	
75. 9.20	. 1	57.439	33.57	

10727 $8^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4295$ $+0^{\mathrm{s}}.0013$ + $9''.724$ $+0''.306$ 28°3577

72. 7.19	3	$19^{\mathrm{h}}56^{\mathrm{m}}1^{\mathrm{s}}.135$	28° 47′ $46''.92$	
74. 9.24	3	1.207	46.66	
75. 9.15	3	1.299	46.20	
76. 9. 1	3	1.149	45.87	
88. 9.20	7	1.149	47.16	
96. 8.22	3	0.984	46.00	§
96. 8.25	7	1.246	46.21	§
96. 8.27	5	1.071	46.53	§

10728 8.7 2.5187 +0.0010 + 9.724 +0.317 25°4067

73. 8.21	3	19 56 1.173	25 20 9.03	
74. 9.14	2	1.268	8.80	
75. 8.23	3	1.346	7.43	
75. 9. 9	3	1.195	8.66	
87. 9. 7	7	1.363	10.08	

10729 8.8 2.4876 +0.0012 + 9.726 +0.313 26°3762

73. 8.14	1	19 56 2.685	26 33 45.09	
73. 8.25	3	2.445	45.11	
75. 9.17	3	2.502	43.36	
85.10. 8	5	2.557	44.41	
88. 9.19	5	2.657	44.57	

10730 9.3 2.5173 +0.0010 + 9.728 +0.317 25°4069

73. 9.22	2	19 56 4.438	25 23 31.68	Z.C. α $4^{\mathrm{s}}.61$
74. 9.14	1	4.707	33.23	
76. 9.20	3	4.718	32.41	
76. 9.21	3	4.460	31.92	
77. 9.11	3	4.607	31.72	
87. 9. 6	7	4.703	32.87	

10731 7.5 2.4805 +0.0012 + 9.729 +0.312 26°3763

72. 8.23	3	19 56 4.994	26 50 41.68	
72. 8.24	3	4.840	41.30	
76. 8.22	2	4.768	40.15	v. ft.
88. 9.22	7	4.807	41.73	

10732 9.3 2.4658 +0.0012 + 9.730 +0.310 27°3588

72. 8.19	1	19 56 5.600	27 25 9.01	+ 5′
72. 9.20	3	5.743	10.58	Z.C. α $5^{\mathrm{s}}.62$
76. 8.14	3	5.507	10.09	

10733 9.1 2.4072 +0.0014 + 9.739 +0.303 29°3852

81. 9.26	3	19 56 13.140	29 38 28.11	Z.C. δ $29''.2$
85. 9. 3	5	13.125	29.79	
85. 9. 9	5	13.006	29.09	
85. 9.11	5	13.090	29.90	

10734 9.0 2.4366 +0 0013 + 9.739 +0.306 28°3578

73. 8.15	3	19 56 13.021	28 32 25.55	
75.10. 6	2	13.207	25.25	

10735 Owing to an error in reduction the Z.C. place is 1° wrong: see 10735$^{\mathrm{a}}$

10735$^{\mathrm{a}}$ 9.1 2.4874 +0.0011 + 9.740 +0.313 — —

76. 8.21	3	19 56 13.574	26 34 56.92	

Place confirmed by Oxford photograph 97.9.10

10736 9.0 2.4182 +0.0013 + 9.740 +0.304 29°3851

72. 9. 5	2	19 56 14.262	29 14 2.53	
73. 8.30	3	13.931	1.64	
75. 8.26	3	13.993	2.04	

10737 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.5144$ $+0^{\mathrm{s}}.0011$ + $9''.745$ $+0''.316$ 25°4071

81. 9.26	2	$19^{\mathrm{h}}56^{\mathrm{m}}17^{\mathrm{s}}.938$	25° 31′ $13''.26$	Z.C. δ $13''.3$
85. 9. 4	5	17.902	13.52	
86. 9.13	7	17.789	13.17	

10738 9.2 2.4043 +0.0014 + 9.749 +0.303 29°3853

85. 9.22	7	19 56 20.792	29 45 31.36	†

10739 8.5 2.4064 +0.0014 + 9.757 +0.303 29°3855

72. 9. 3	2	19 56 27.236	29 41 7.92	
81.10. 1	3	27.215	7.51	

10740 8.9 2.4286 +0.0013 + 9.760 +0.305 28°3580

72. 8.15	3	19 56 29.268	28 51 34.71	Z.C. δ $36''.1$
76. 9. 1	2	29.277	36.18	
78. 9.16	3	29.232	37.55	

10741 9.3 2.4187 +0.0013 + 9.761 +0.304 29°3856

73. 9.20	3	19 56 30.441	29 13 45.78	†

10742 8.1 2.4014 +0.0014 + 9.763 +0.302 29°3857

73. 8.22	3	19 56 31.481	29 52 24.43	
76.10. 7	2	31.641	23.35	
78. 9. 3	3	31.560	23.67	−1 int.
88. 9.26	5	31.519	24.20	

10743 8.6 2.4791 +0.0012 + 9.765 +0.312 26°3764

73. 8. 6	3	19 56 33.587	26 55 34.85	
74. 9. 9	2	33.612	33.41	
74. 9 15	2	33.726	34.72	
90. 9.15	7	33.565	34.82	

10744 9.3 2.4262 +0.0013 + 9.767 +0.305 28°3582

74. 9.22	3	19 56 34.737	28 57 23.45	Z.C. δ $23''.5$
76.10.11	1	34.736	23.35	
77. 8.15	3	34.606	23.69	

10745 9.2 2.4306 +0.0013 + 9.767 +0.305 28°3581

90. 9.16	7	19 56 34.677	28 47 30.85	
92. 8.25	7	34.744	30.77	

10746 9.0 2.4796 +0.0012 + 9.772 +0.312 26°3765

72. 8.27	2	19 56 38.936	26 54 55.24	
73. 8. 6	3	38.988	54.87	
74. 9. 9	3	39.011	54.17	
74. 9.15	1	39.086	55.45	

10747 8.6 2.4203 +0.0013 + 9.773 +0.304 29°3858

74. 9. 4	3	19 56 39.257	29 10 43.28	ex. ft.
78. 9.12	3	39.379	42.47	
78. 9.23	3	39.384	43.98	
90. 9.24	7	39.369	41.76	
90. 9.27	7	39.303	43.02	

10748 8.9 2.4119 +0.0014 + 9.779 +0.303 29°3859

76. 8.17	3	19 56 44.011	29 29 60.14	+ 5′
78. 9.20	3	44.224	59.78	Z.C. α $44^{\mathrm{s}}.19$
79. 9. 2	3	44.218	59.59	
79. 9. 3	3	44.268	59.54	
88. 9.21	5	44.209	61.04	

10749 $9^{m}.2$ $2^{s}.4840$ $+0^{s}.0012$ + 9″.779 +0″.312 26°3766

81. 9.23	3	$19^{h}56^{m}44^{s}.647$	26° 44′ 45″.72	Z.C. δ 46″.1
81. 9.28	3	44.525	46.65	
85. 9.28	7	44.665	45.34	-1^{m}
85. 10. 1	7	44.529	46.88	

10750 9.0 2.3982 +0.0014 + 9.780 +0.301 29°3860

79. 9. 8	3	19 56 45.483	30 0 31.33	
79. 9.15	3	45.633	32.56	
79. 9.22	2	45.686	32.70	
79. 9.27	3	45.581	31.33	
79. 10.10	3	45.634	31.79	
79. 10.15	2	45.638	32.02	
79. 10.17	3	45.528	31.95	
80. 9. 7	3	45.497	30.53	
80. 9. 7	3	45.537	31.29	
80. 9.13	3	45.684	31.86	
80. 10.14	3	45.546	30.40	
80. 10.23	2	45.655	32.11	
81. 9. 9	3	45.494	31.61	

10751 9.3 2.4460 +0.0013 + 9.781 +0.307 28°3584

77. 8.31	3	19 56 46.297	28 13 5.65	−1′
88. 9.27	5	46.338	5.87	Z.C. δ 5″.8

10752 8.5 2.4466 +0.0013 + 9.786 +0.307 28°3585

73. 9. 1	2	19 56 49.567	28 11 53.59	
77. 9. 1	3	49.581	52.56	
87. 9. 8	7	49.557	53.33	

10753 8.5 2.4109 +0.0014 + 9.790 +0.302 29°3861

78. 9.20	2	19 56 53.278	29 32 51.62	
86. 9. 8	7	53.218	50.34	
86. 9. 9	7	53.157	50.98	

10754 9.0 2.4288 +0.0013 + 9.797 +0.304 28°3587

74. 9.24	2	19 56 58.353	28 52 55.31	Z.C. δ 55″.4
75. 10. 6	3	58.478	55.52	
77. 8.31	2	58.392	55.20	
78. 9.16	3	58.391	56.22	
88. 10. 3	7	58.385	54.82	

10755 9.4 2.5213 +0.0010 + 9.797 +0.316 25°4074

72. 9.12	3	19 56 58.731	25 16 53.66	
74. 10.21	3	58.861	53.23	
75. 9. 6	3	58.714	55.69	
75. 9.16	2	58.574	55.24	
75. 9.18	3	58.804	54.95	

10756 9.1 2.4193 +0.0013 + 9.798 +0.303 29°3863

74. 9. 4	2	19 56 58.891	29 14 20.82	
75. 8.30	3	58.987	21.38	
75. 9.14	3	58.827	21.37	
78. 9. 3	2	58.775	21.56	
87. 9.28	7	58.967	20.24	
90. 9.13	2	58.687	19.45	

10757 9.3 2.4340 +0.0013 + 9.805 +0.305 28°3588

73. 8.15	3	19 57 4.544	28 41 19.95	
74. 10.12	3	4.469	19.60	
75. 8.18	3	4.228	19.50	
87. 9.22	5	4.661	19.48	

10758 $8^{m}.7$ $2^{s}.4704$ $+0^{s}.0012$ + 9″.808 +0″.310 27°3591

73. 9. 4	3	$19^{h}57^{m}$ $7^{s}.274$	27° 17′ 47″.41	
74. 8.24	3	7.133	47.75	
75. 8.16	3	7.083	47.16	

10759 9.0 2.4400 +0.0013 + 9.811 +0.306 28°3589

75. 9.15	3	19 57 9.828	28 28 9.38	
86. 9.10	7	9.784	9.74	

10760 9.2 2.4440 +0.0013 + 9.813 +0.307 28°3590

81. 9.30	1	19 57 11.264	28 18 60.85	
81. 10. 1	2	11.078	59.67	
82. 10. 2	3	11.183	60.32	
				Z.C. δ 28° 19′ 0″.3

10761 9.0 2.4051 +0.0014 + 9.821 +0.301 29°3864

73. 9.20	2	19 57 17.077	29 47 6.63	
74. 8.29	2	16.907	4.62	
75. 8.26	3	17.007	7.02	
86. 9.22	7	17.141	6.62	
86. 9.29	5	17.130	6.98	

10762 9.2 2.4933 +0.0011 + 9.832 +0.313 26°3767

80. 9. 3	3	19 57 25.876	26 25 17.92	
80. 9. 3	2	25.756	19.10	
85. 9. 1	5	25.799	18.35	+ 5′
85. 9.18	5	25.953	17.47	
85. 9.26	7	25.677	16.05	

10763 9.1 2.4069 +0.0014 + 9.832 +0.302 29°3865

85. 9.15	3	19 57 26.373	29 43 33.20	
85. 9.21	7	26.427	33.98	

10764 9.4 2.4101 +0.0014 + 9.833 +0.302 — —

81. 10. 5	3	19 57 26.772	29 36 37.49	†

10765 9.5 2.5050 +0.0011 + 9.840 +0.314 25°4075

73. 8. 5	3	19 57 32.006	25 57 50.84	-5^{s}
73. 9. 8	3	32.080	50.82	
73. 9.22	3	32.063	50.14	
75. 9. 6	3	32.170	51.48	
75. 9. 9	2	32.085	51.38	
78. 9.13	2	32.056	50.41	

10765^{a} 9.4 2.5045 +0.0011 + 9.841 +0.314 25°4077

96. 6.26	7	19 57 32.973	25 58 60.83	
96. 7. 6	7	32.950	56.88	
96. 7.10	7	32.735	59.70	

10766 8.9 2.4188 +0.0013 + 9.848 +0.303 29°3867

72. 9. 3	1	19 57 39.067	29 17 55.22	
72. 9. 5	3	38.818	54.70	
73. 8.22	3	38.700	55.56	
86. 10. 2	5	38.691	54.65	-20^{s}

10767 7.1 2.4488 +0.0013 + 9.851 +0 307 28°3595

72. 8.14	3	19 57 41.008	28 9 57.84	
72. 8.15	3	41.237	57.25	
72. 8.17	3	40 966	58.28	
72. 8.19	3	41.207		no δ. §
75. 9.25	3	41.161	57.26	
86. 9.30	5	41.047	59.28	

10768 9^{m}.1 2^{s}.5054 +0^{s}.0011 + 9″.859 +0″.314 25°4079

72. 9.12	3	19^{h}57^{m}47^{s}.248	25° 57′ 37″.33	
73. 8.21	1	47.184	40.20	
75. 9.18	3	47.120	39.53	
76. 8.21	3	47.282	38.62	
86.10. 4	5	47.138	37.88	
90. 9.11	7	47.165	38 01	

10769 9.5 2.5065 +0.0011 + 9.863 +0.314 25°4081

73. 8.21	3	19 57 50.447	25 55 11 99	†

10770 9.0 2.4985 +0.0011 + 9.864 +0.313 26°3768

72 8.23	3	19 57 51.350	26 15 24.92	
73. 9.16	3	51.330	25.06	v. ft.
73. 9.16	1	51.250	24.69	
75. 9 17	3	51 167	24.50	v.c.d.l. – 15′
76. 8.11	2	51.319	25.48	
76. 9.20	3	51.284	24.99	
76. 9.21	3	51.196	24.12	
76. 9 23	3	51.207	25.03	
76.10. 4	3	51.302	24.61	clds.
77. 9. 4	3	51.390	24.55	

10771 7.6 2.4544 +0.0013 + 9.866 +0.307 27°3593

72. 7 30	3	19 57 53.147	27 57 35.52	
72. 8.12	3	53.150	35.91	
72. 8 19	3	52.944	34.90	
72. 9.20	3	52.943	36.86	
75. 8.27	3	52.764	36 72	
75. 9.20	2	53.038	36.03	
78. 9.10	3	52.825	35.50	
78 9 10	3	52.945	35.52	
85 10.15	7	52.976	35.27	+ 5′
85.10.16	7	53.002	33.71	

10772 7.7 2.4908 +0.0012 + 9.868 +0.312 26°3769

72. 8.27	3	19 57 54.354	26 32 33.80	
73 8.14	3	54.237	32.63	
73. 8.25	2	54.366	34.24	clds.

10773 9.2 2.4091 +0.0014 + 9.879 +0.301 29°3870

72. 8.28	2	19 58 2.923	29 40 56.53	
73. 8.22	2	2.821	58.16	
76. 8.17	3	2.724	56.77	
88. 9.19	7	2.898	57.44	

10774 8.8 2 4678 +0.0012 + 9.883 +0 309 27°3594

81. 9.26	3	19 58 6.456	27 27 24.15	
85. 9. 3	5	6.487	24.95	
85. 9. 9	5	6.314	24.59	
85. 9.11	5	6.286	24.58	

10775 9.0 2.4778 +0.0012 + 9.895 +0.310 27°3595

73. 9. 4	2	19 58 15.452	27 4 38.23	Z.C. α 15^{s}.56
73. 9.23	3	15.623	36.65	
74.10. 8	3	15.660	37.96	
75. 8.16	3	15.549	37.60	
76. 8.14	3	15.497	37.92	+ 5′

10776 9.2 2.4765 +0.0012 + 9.897 +0.310 27°3596

75. 9. 3	2	19 58 17.457	27 7 43.52	†

10777 8^{m}.5 2^{s}.4116 +0^{s}.0014 + 9″.904 +0″.302 29°3871

73. 8.30	3	19^{h}58^{m}22^{s}.433	29° 36′ 25″.20	
74. 8.22	3	22.376	27.50	
74. 9.12	3	22.414	25.74	
80 9 7	7	22.471	26.11	

10778 9.2 2.4429 +0.0013 + 9.908 +0.306 — —

72. 8.14	3	19 58 26.537	28 25 51.61	
74. 9.22	3	26.048	50.12	
90. 9.12	7	26 126	49.80	

10779 9.0 2.4309 +0.0013 + 9.911 +0.304 28°3601

72. 8.20	3	19 58 28.240	28 53 21.44	
73. 9. 1	3	28.314	22.30	
75 8.18	3	28.295	20.76	
75 10. 6	2	28.247	21.81	

10780 6.2 2.4128 +0 0014 + 9.912 +0.302 29°3872

73. 8.30	3	19 58 29.225	29 33 50.50	
73. 9.20	2	29.164	52.51	+ 1′
74. 8.22	3	29.176	52.36	
75. 8.30	3	29.134	51.15	
75. 9.14	1	29.293	50.05	
96. 8.22	6	30.163	40.02	§
96. 9.19	7	30.239	39.57	§
96. 9.24	7	30.310	40.73	§ clds.
96. 9.30	7	30.285	39.94	§

10781 9.3 2.4848 +0.0012 + 9.915 +0.311 26°3770

74. 9. 9	3	19 58 31.318	26 49 6.63	– 1 int.
76. 9.20	3	31.334	5.84	

10782 8.8 2.4382 +0.0013 + 9.919 +0.305 28°3602

73. 8 15	3	19 58 34.349	28 37 13.64	
74 10.12	3	34.423	13.43	
75. 9.25	3	34.504	12.76	
87. 9. 7	5	34.549	14.22	

10783 9.0 2.4401 +0.0013 + 9.919 +0.305 28°3603

75. 9.15	3	19 58 34.421	28 32 49.21	
76. 8.25	3	34.472	48.25	
76. 9. 1	3	34 493	47.73	
88. 9.14	4	34.539	50.64	

10784 9.5 2.5300 +0.0010 + 9.920 +0.316 24°3988

81. 9.30	1	19 58 35.482	25 1 10.96	Z.C. δ 10″.6
81.10. 1	2	35.607	11.12	
81.10. 5	3	35.540	9.55	
82.10. 2	3	35.399	11.03	
85. 9. 4	5	35.493	10.54	
85. 9.24	7	35.477	10.10	

10785 9.4 2.3977 +0.0014 + 9.923 +0.300 30°3866

92. 8.20	7	19 58 37.500	30 8 17.42	
92. 8.22	4	37.591	19.58	

10786 7.5 2.4113 +0.0014 + 9.928 +0.301 29°3873

74. 9. 4	3	19 58 42.005	29 38 17.04	
74. 9.12	3	41.974	16.75	
74. 9.28	3	41.949	16.96	
75. 8.30	3	41.965	17.99	
75. 9.14	3	42.044	17.30	
90. 9.29	7	42.019	18.24	

10787 $9^{m}.3$ $2^{s}.4178$ $+0^{s}.0013$ + $9''.932$ $+0''.302$ $29^{\circ}3874$

75. 8.26	3	$19^{h}58^{m}45^{s}.036$	$29^{\circ}23'\ 61''.29$	
92. 9.10	3	45 034	60.16	
93 7.27	7	45.273	64 54	
93. 8. 7	7	45.072	61.42	n. of 3
93. 9.30	7	45.133	58.98	
93 10. 4	7	44 738	57.30	n. of 3

10788 9.5 2 4186 +0.0013 + 9.933 +0.302 — —

93. 8.10	7	19 58 45.963	29 22 20.91	†

10789 8.8 2.5078 +0.0011 + 9.935 +0.313 $25^{\circ}4083$

72. 9.12	3	19 58 47 201	25 55 9.66	
73 9.22	3	47.342	9 19	
75. 9.18	3	47.205	10 85	
78. 9.26	3	47.235	10.35	
78. 9.26	3	47.385	11.13	

10790 8.8 2.4466 +0.0013 + 9.935 +0 306 $28^{\circ}3604$

74. 9 22	3	19 58 47.528	28 18 51.31	Z.C. δ $51''.7$
76.10.11	3	47.726	51.59	
77. 8.15	3	47.452	52.13	

10791 8.8 2.4950 +0.0011 + 9.936 +0.312 $26^{\circ}3771$

80. 9. 3	2	19 58 47.694	26 25 47 94	
80. 9 7	3	47.853	46.61	
88. 9.22	7	47.660	47.54	

10792 8.5 2.4096 +0.0014 + 9.936 +0.301 $29^{\circ}3875$

72. 8 28	3	19 58 48.071	29 42 37.89	
76. 8.17	3	47 941	36.68	
78. 9.12	3	47.991	37.70	
78. 9.20	3	48.074	37.98	
78. 9.23	3	48.007	38.69	

10793 9.1 2 4490 +0.0013 + 9.936 +0.306 $28^{\circ}3605$

74. 9.24	3	19 58 48.273	28 13 13.16	
75. 9 25	1	48.466	13.13	
77. 8.31	3	48.262	13.96	
88. 9.27	5	48.346	14.18	

10794 8.6 2.4766 +0.0012 + 9.937 +0.310 $27^{\circ}3598$

72. 8.12	3	19 58 48 917	27 9 19.30	
72. 9.20	3	48.829	19.30	
75 8.27	3	48.741	19.41	
75. 9. 3	3	48.683	19.03	
75. 9.20	3	48.600	18 04	
78 10.14	3	48 676	18.09	

10795 9.2 2.4854 +0 0012 + 9.939 +0.311 $26^{\circ}3772$

73. 8. 6	3	19 58 49.927	26 48 35.93	
74. 9. 9	2	50.057	34.44	
76. 9.21	3	50.075	35.14	
77. 8.30	3	50.128	36.06	§
79.10.18	2	50.174	35.91	
88. 9 26	7	50.087	36.02	
90.10. 2	5	50.356	35.07	

10796 9.5 2.4446 +0.0013 + 9.939 +0.305 $28^{\circ}3606$

72. 8.15	3	19 58 50.391	28 23 27.89	
76. 9. 1	2	50.346	30.02	

10797 9.3 2.5284 +0.0010 + 9.941 +0.316 $25^{\circ}4084$

77. 9.11	3	19 58 51.733	25 5 56.73	† Z.C. δ $56''.7$

10798 $9^{m}.4$ $2^{s}.5309$ $+0^{s}.0010$ + $9''.945$ $+0''.316$ $24^{\circ}3990$

81. 9.28	3	$19^{h}58^{m}55^{s}.433$	$25^{\circ}\ 0'\ 2''.58$	†

10799 8.0 2.5200 +0.0010 + 9.946 +0.315 $25^{\circ}4085$

73. 9. 8	3	19 58 55.820	25 26 21.96	
73. 9.25	3	55.700	22.37	
75. 8.23	3	55.659	22.02	
75. 9. 6	3	55.738	22.28	
75. 9.16	2	55.527	22.74	

10800 9.0 2 4072 +0.0014 + 9.959 +0.301 $29^{\circ}3876$

81 10.15	2	19 59 5.823	29 49 4.28	
86. 9.15	5	5.811	3 76	

10801 8.4 2 3974 +0.0014 + 9.971 +0.299 $30^{\circ}3874$

92. 8 26	4	19 59 15.523	30 11 22.98	
93. 8. 8	7	15.494	23.52	

10802 9.3 2.4185 +0.0014 + 9.971 +0.302 $29^{\circ}3878$

72. 9 5	3	19 59 15 881	29 24 13.53	
76 10. 7	3	15.610	13.58	
90.10.10	7	15.741	13.75	

10803 9 2 2.4934 +0.0012 + 9.976 +0.311 — —

88. 9 20	7	19 59 19.647	26 31 11.69	†

10804 9.4 2.4069 +0 0014 + 9.978 +0.300 — —

81. 9.26	3	19 59 21 284	29 50 35.53	Z.C. δ $35''.8$
81.10 15	3	21.324	35.98	

10805 8.9 2.4271 +0.0013 + 9.980 +0 303 $29^{\circ}3880$

72. 9. 3	3	19 59 23.103	29 5 32.90	
79. 9. 2	3	23.155	32.59	
79. 9. 3	3	22.934	32.06	
87. 9.22	7	23.098	29.83	

10806 9.0 2.4930 +0.0012 + 9.981 +0.311 $26^{\circ}3775$

72. 8.27	3	19 59 23.325	26 32 36.48	
73. 8.14	3	23.329	36.63	
73. 8.25	3	23.466	36.10	

10807 9.3 2 3988 +0.0014 + 9.985 +0.299 $30^{\circ}3876$

81. 9 28	3	19 59 26.954	30 8 59.96	Z.C. δ $59''.3$
81.10. 1	1	27.023	59.08	
81 10. 8	3	27.128	58 46	
92. 8.30	4	26 898	60.02	
92. 9. 5	7	26.974	59.14	
92. 9. 8	5	27.221	59.06	

10808 8.8 2.5008 +0.0011 + 9.989 +0.312 $26^{\circ}3778$

72. 8.23	3	19 59 29.693	26 14 19.43	
73. 9.16	3	29.708	19.25	
76 8 11	3	29 722	17.82	
90. 9.15	7	29.594	21.17	

10809 8.7 2 4919 +0.0012 + 9.994 +0.311 $26^{\circ}3779$

76 9 20	3	19 59 33.697	26 35 39.88	Z.C. δ $40''.9$
76. 9.21	3	33.589	40.86	
77 9 4	3	33.791	41.00	
85. 10. 7	6	33.763	40.65	
85. 10. 8	5	33.777	42.26	

10810 9$^{\mathrm{m}}$.0 2$^{\mathrm{s}}$.4054 +0$^{\mathrm{s}}$.0014 + 9″.994 +0″.300 29°3882

74. 8.29	3	19$^{\mathrm{h}}$59$^{\mathrm{m}}$34$^{\mathrm{s}}$.001	29° 54′ 39″.92	
74. 9.28	3	33.976	40.83	
75. 8.26	3	33.869	41.21	
87. 9. 8	7	34.003	42.13	

10811 9.5 2.4443 +0.0013 + 9.995 +0.305 28°3608

72. 7.19	3	19 59 34.314	28 26 52.23	
72. 8.17	3	34.367	51.32	

10812 9.4 2.5174 +0.0011 + 9.995 +0.314 25°4089

73. 9. 8	3	19 59 34.633	25 34 48.59	
73. 9.22	3	34.814	46 84	
74. 9.14	3	34.662	47.90	+ 5′
75. 9.16	1	34.784	51.16	
88.10. 3	7	34 853	49.01	

10813 8.4 2.5037 +0.0011 + 9.996 +0.312 26°3780

74. 9.15	3	19 59 35.388	26 7 44.70	Z C. δ 44″.2
76. 9 23	3	35.317	44.88	
77. 9. 7	3	35.362	43.55	
78. 8.27	3	35.176	44.00	
88. 9.13	7	35 425	43.71	

10814 7.9 2.5143 +0.0011 +10.002 +0.313 25°4090

72. 9.11	3	19 59 40.305	25 42 48.90	
74 10.21	3	40 397	46.81	
75. 9. 9	3	40.373	47.82	
76. 8.21	3	40.564	47.78	
78. 9.13	3	40.521	46.36	
79.10. 1	3	40.380	46.70	
79.10. 9	3	40.413	45.64	+ 3$^{\mathrm{m}}$
79 10. 9	3	40.203	46 33	
79.10.10	3	40.342	46.61	
86. 9.30	7	40.265	43.40	
96 8.25	7	40.381	39.22	§
96. 8.27	7	40.363	39.71	§
96. 9.28	7	40.463	39 86	§

10815 9.2 2.4028 +0.0014 +10.005 +0.299 30°3880

92 8.25	7	19 59 42.508	30 3 20.51	
92. 8.30	2	42.388	21.13	+ 2$^{\mathrm{s}}$

10816 9.2 2.5193 +0.0011 +10.010 +0.314 25°4092

85. 9. 1	7	19 59 46.182	25 31 4.97	
85. 9. 3	4	46 097	6 95	
85. 9.18	7	46.221	6.73	

10817 9.3 2.4273 +0.0014 +10.011 +0.303 29°3885

76.10. 7	3	19 59 47 648	29 6 32.05	
90 10.13	7	47.676	32 08	

10818 8.4 2.3993 +0.0014 +10 013 +0.299 30°3881

92 8 20	3	19 59 48.779	30 9 11.33	
92. 8 22	6	48 821	10.53	

10819 9.0 2.4598 +0.0013 +10.015 +0.306 27°3603

72 7.30	3	19 59 50 672	27 51 57.14	
72. 8.19	3	50.505	58.17	
72. 9.20	3	50 748	58.14	
76. 8.14	3	50.629	59.02	
76. 9. 7	3	50 729	58 53	

10820 Not found on revision 97.8.31 and 97.10 5: not found on Oxford photograph 97.9.3. The catalogue place is 15′ wrong: see 10821

10821 9$^{\mathrm{m}}$.0 2$^{\mathrm{s}}$.4715 +0$^{\mathrm{s}}$.0012 +10″.019 +0″.308 27°3605

73 9. 4	3	19$^{\mathrm{h}}$59$^{\mathrm{m}}$53$^{\mathrm{s}}$.706	27° 25′ 5″.30	
74. 8.24	3	53.677	4.91	
75. 9. 3	3	53.802	3.02	
76. 8.25	3	53.750	3.27	
78. 8.12	3	53.712	4.41	
78.10.14	3	53.602	3.62	+ 15′ §
86.10. 6	5	53.678	4.70	

10822 9.2 2.4680 +0.0013 +10.020 +0.307 27°3604

82.10. 2	3	19 59 54.182	27 33 9.62	
85. 9. 9	5	54.137	9.30	
85. 9.11	5	53.939	9.65	
85. 9.15	7	54.127	9.28	

10823 9.4 2.4884 +0.0012 +10.022 +0.310 26°3781

74. 9.15	2	19 59 56.268	26 45 24.27	s. of 2
77. 9. 4	3	56.171	23.86	Z.C. δ 24″.3
77. 9. 7	3	56.184	23.57	
86. 9.29	5	56.212	25.60	

10824 8.4 2.5295 +0.0010 +10.024 +0.315 25°4093

72. 9.12	3	19 59 57.616	25 6 37.72	
73. 8.21	3	57.483	38.94	
73. 9.25	3	57.470	38.35	
75 9. 6	3	57.390	38.70	
75. 9.18	3	57.397	38.26	
76. 8.21	2	57.321	37.81	
86.10. 2	7	57.449	38.72	

10825 8.0 2.4905 +0.0012 +10.028 +0.310 26°3783

73. 8. 6	3	20 0 0.706	26 40 38.89	
75. 9.17	3	0.755	39.01	D−50″
78. 8.27	3	0.686	38.60	
78. 9.18	3	0.771	39.05	
78. 9.26	3	0.830	39.33	
78.10. 3	3	0.816	38.32	
85. 9.28	5	0.860	39.39	
85.10. 1	7	0.754	39.91	

10826 9 4 2.5301 +0.0010 +10.035 +0.315 25°4095

73. 8.21	2	20 0 5.784	25 5 44.64	Z.C. δ 43″.7
73. 9.25	2	6 000	44.02	
75. 8.23	3	6.002	44.11	
75. 9. 6	2	6.040	43.28	
77. 9.11	3	6.085	43 02	
86.10. 4	7	5.925	43.30	

10827 9.2 2.4967 +0.0011 +10.035 +0.311 26°3784

80 9. 3	2	20 0 6.230	26 26 13.92	
80. 9. 7	3	6.289	14.68	

10828 8.1 2.4810 +0.0012 +10.047 +0.309 27°3607

73. 9 23	3	20 0 15.368	27 4 2.60	
74.10. 8	3	15.332	4.56	
75 8.16	3	15.345	3.96	
75 9 20	2	15.273	4.36	
76. 8 14	3	15.370	4.15	
79.10.18	2	15 401	3.62	clds.
86. 9.10	5	15.377	4 85	

10829 $8^m.9$ $2^s.4927$ $+0^s.0012$ $+10''.049$ $+0''.310$ 26°3786

72. 8 23	3	20^h	0^m	$17^s.406$	26°	36′	$29''.73$	
72. 8.27	3			17.202			29.72	– 1 int.
73. 9.16	2			17.311			29.89	v. ft.
76. 8.11	1			17.364			29.47	
76. 9.21	2			17.108			29.52	
76. 9.23	3			17.158			28.91	
77. 9 4	1			17.419			30.19	
78. 10. 3	2			17.377			28.85	
86. 9.22	7			17.195			29.40	

10830 8.9 2.4701 +0.0012 +10.056 +0.308 27°3608

72. 8.12	3	20	0	22.533	27	29	53.32	
77. 8.16	3			22.823			52.34	
80. 9.29	3			22 633			52.43	-1^m
86. 9.13	7			22.610			53.06	

10831 8.7 2.4174 +0.0014 +10.062 +0.301 29°3887

72. 8.28	3	20	0	27.319	29	31	4.77	
72. 9. 5	3			27.414			3.94	
73. 8.22	3			27.311			6.38	
78. 9.20	3			27.234			5.25	
78. 9.23	3			27.422			7.10	
81 10. 8	3			27.348			4.20	

10832 7.9 2.5271 +0.0010 +10.071 +0.314 25°4097

81.10. 5	3	20	0	34.506	25	14	40.83	
84. 8.29	5			34.403			40.20	clds.
85. 9. 4	5			34.485			41.20	

10833 7.7 2.4635 +0.0013 +10.078 +0.306 27°3612

72. 7.30	3	20	0	40.273	27	46	28.68	
73. 9.23	3			40.289			28.66	
76. 8.25	3			40 100			28.24	
76 9. 7	3			40.009			28.89	
78. 9.10	3			40.041			28.77	$+1^m$
78. 9.16	3			40.132			29.88	
78. 9 16	2			40.242			29 46	
85. 9.26	5			40.113			28.24	

10834 8.1 2.4057 +0.0015 +10 080 +0.299 29°3889

72. 9. 3	2	20	0	41.818	29	58	29.56	hazy
73. 8.30	3			41.745			27.52	
73. 9.20	3			41.683			28.39	
75. 9.14	3			41.680			27.19	
86. 9.11	7			41.634			27.45	

10835 9.0 2.4424 +0.0014 +10.082 +0.303 28°3617

72. 8.14	3	20	0	43.502	28	35	14.37	
72. 8.15	3			43.301			13.17	
73. 9. 1	3			43.207			14.68	
74. 9.24	3			43.343			13.43	
75. 8.18	3			43.288			14.93	
75. 9.15	3			43.262			15.42	
75.10. 6	3			43.309			15.27	
76. 9. 1	3			43.173			14.70	
76.10.11	3			43.295			13.68	

10836 8.9 2.4224 +0.0014 +10.084 +0.301 29°3890

74. 8.22	3	20	0	44.818	29	21	9.54	
74 8.29	3			44.700			8.17	
76.10. 7	3			44.614			8.73	w. $7 + 10^s$
78. 9. 3	1			44.778			8.65	
87. 9. 7	7			45.038			10.38	
88. 9.14	3			44.875			10 73	

10837 $9^m.0$ $2^s.4209$ $+0^s.0014$ $+10''.087$ $+0''.301$ 29°3891

73. 9.20	1	20^h	0^m	$48^s.034$	29°	24′	$41''.06$	
74. 9. 4	3			47.814			40.13	
75. 8.30	2			47.726			39.82	
78. 9. 3	3			47.915			40.23	p. of 3
78. 9.12	2			47.871			39.54	s. f. of 2 (close)
79 9. 2	2			47.810			40.70	
86. 9. 7	7			47.895			39.97	
88. 9.27	5			47.849			40.93	

10838 8.9 2.4211 +0.0014 +10.091 +0.301 29°3892

74. 9. 4	3	20	0	50.544	29	24	25.01	
75. 8 30	3			50.596			25.36	
78. 9.12	3			50.619			25.96	
79. 9 2	3			50.698			25.94	
86 9 8	7			50.579			25.85	
86. 9. 9	5			50.447			26.15	

10839 8.5 2.4283 +0.0014 +10.092 +0.302 29°3893

74 9.28	3	20	0	51.206	29	7	59.56	
75. 8.26	3			51.357			59.85	
88. 9.19	7			51.338			60.16	

10840 8.3 2.5311 +0.0010 +10.096 +0.315 25°4099

72 9.11	3	20	0	54.856	25	6	4.95	
73. 9. 8	2			54.841			4.09	
75 9. 6	1			54.656			4.42	
75. 9. 9	2			54.701			5.60	
78. 9.13	3			54.823			4.39	– 25′

10841 9.4 2.4039 +0.0015 +10.098 +0.299 30°3887

81. 9.26	2	20	0	56.528	30	3	18.27	Z.C. δ $19''.3$
81. 9.28	2			56 524			19.77	
82.10. 2	2			56.374			19.84	$+1^s$

10842 8.9 2.4026 +0.0015 +10.101 +0.299 30°3888

81. 9.30	3	20	0	58 339	30	6	14.10	
81.10.15	3			58.283			13.24	
82.10. 2	1			58.402			14.51	
85.10. 3	5			58.296			14.71	

10843 8.3 2.4642 +0.0013 +10.103 +0.306 27°3613

72. 7.30	1	20	0	59.776	27	46	4.96	
73. 9. 4	2			59.899			7.27	
73. 9.23	1			59.857			5.55	
76. 8.25	1			59.740			5.44	
78. 9.10	3			59.647			7.04	
78.10.14	3			59 687			5.40	

10844 8.8 2.4436 +0.0014 +10.106 +0.303 28°3619

72. 8.20	3	20	1	2.643	28	33	38.23	
73. 9. 1	3			2.668			40.17	
74. 9.24	3			2.651			38.85	
75. 8.18	3			2.608			39.73	
75. 9.15	3			2.441			40.35	D – 50″
75. 9.25	3			2.711			39.23	
75 10. 6	3			2.629			39.13	

10845 9.0 2.4715 +0.0012 +10.118 +0.307 27°3616

72. 8.19	3	20	1	12.097	27	29	29 36	
72. 9.20	3			12.014			29.96	
74.10. 8	3			12.184			29.57	– 1 int.
75. 9. 3	3			12.109			30.02	
75. 9. 7	3			12.118			29.85	
76. 8.14	3			12.042			28.97	
76. 9. 7	1			12.396			28.79	
77. 8.16	3			12.119			29.71	
80. 9.29	3			12.072			28.09	
88. 9.21	5			12.194			31.49	
90. 9.11	7			12.211			28.90	

10846 $9^{m}.0$ $2^{s}.4335$ $+0^{s}.0014$ $+10''.119$ $+0''.302$ 28°3621

72. 8.17	3	20^{h}	1^{m}	$12^{s}.670$	28°	57′	$28''.74$	
74. 9.22	3			12.792			27.24	
74.10.12	3			12.608			27.09	

10847 9.3 2.4616 +0.0013 +10.134 +0.305 27°3618

75. 8.16	3	20	1	24.960	27	53	39.54	
77. 8.29	3			25.169			38.96	
86. 9.15	5			24.955			36.82	

10848 9.2 2.5122 +0.0011 +10.137 +0.312 25°4102

85. 9.21	7	20	1	27.216	25	53	51.37	
85. 9.22	7			27.203			49.90	
85. 9.24	5			27.193			51.44	

10849 8.2 2.4737 +0.0012 +10.137 +0.307 27°3619

72. 8.12	3	20	1	27.652	27	25	16.12	
75. 9.20	2			27.414			15.25	
78. 9.19	3			27.293			15.80	
81.10. 8	3			27.322			14.34	

10850 8.5 2.5264 +0.0010 +10.141 +0.314 25°4103

72. 9.12	3	20	1	29.991	25	19	33.88	
73. 9.22	3			30.118			33.69	
73. 9.22	1			30.008			34.60	
74. 9.14	3			30.000			35.46	
75. 8.23	3			30.150			34.30	
75. 9. 9	2			29.880			35.14	
75. 9.16	3			30.002			35.61	
75. 9.18	3			29.962			35.06	
76. 8.21	1			29.982			34.41	

10851 9.2 2.4978 +0.0011 +10.144 +0.310 26°3792

80. 9. 7	3	20	1	32.855	26	28	39.60	
81.10. 1	3			32.789			41.66	
81.10. 5	3			32.804			40.37	
85.10. 7	5			32.663			40.11	
85.10. 8	5			32.696			40.64	

10852 9.4 2.4451 +0.0014 +10.151 +0.303 — —

76.10.11	3	20	1	38.105	28	32	26.69	†

10853 9.0 2.4026 +0.0015 +10.153 +0.298 30°3894

72. 9. 5	2	20	1	40.125	30	8	56.18	
73. 8.22	3			40.019			56.71	
75. 9.14	3			39.848			55.46	

10854 9.4 2.4468 +0.0013 +10.171 +0.303 28°3623

72. 7.19	3	20	1	54.141	28	29	33.90	
74. 9.22	2			54.165			34.55	
75. 9.25	3			53.903			35.02	
77. 8.31	3			53.890			35.18	
86. 9.29	5			54.261			34.85	
90. 9.30	5			53.975			34.13	

10855 9.3 2.4129 +0.0015 +10.173 +0.299 29°3896

74. 9.12	2	20	1	55.482	29	46	40.98	
90. 9.15	7			55.542			40.90	

10856 8.9 2.4241 +0.0014 +10.176 +0.300 29°3897

72. 9. 3	2	20	1	58.635	29	21	40.86	
73. 8.30	3			58.414			40.16	
75. 8.26	1			58.537			40.71	
85. 9.28	5			58.519			40.26	
85.10. 1	5			58.396			41.98	

10857 $9^{m}.4$ $2^{s}.5065$ $+0^{s}.0012$ $+10''.178$ $+0''.311$ 26°3794

81. 9.30	3	20^{h}	1^{m}	$59^{s}.978$	26°	9′	$13''.07$	Z.C.δ$14''.5$
92. 9.14	3			59.736			15.93	w. $3-1^{s}$

10858 8.4 2.5148 +0.0011 +10.178 +0.312 25°4105

72. 9.11	1	20	1	59.926	25	49	19.29	clds.
73. 9. 8	2			60.430			20.08	
73. 9.25	3			60.108			20.19	
79. 9.15	3			60.194			18.62	
86. 9.30	5			60.178			19.17	

10859 9.5 2.5178 +0.0011 +10.183 +0.312 — —

79.10. 1	3	20	2	3.801	25	42	21.74	
79.10.10	3			3.912			21.39	

10860 9.5 2.4460 +0.0014 +10.184 +0.303 28°3625

72. 8.14	3	20	2	4.829	28	32	6.14	
72. 8.15	3			4.568			5.81	
72. 8.20	3			4.745			4.54	
76. 9. 1	2			4.734			5.09	
86.10. 6	5			4.772			4.87	

10861 9.4 2.4849 +0.0013 +10.186 +0.308 26°3796

72. 8.27	3	20	2	6.123	27	1	13.72	
73. 8. 6	3			6.203			13.77	
75. 9.17	3			6.331			11.63	

10862 8.8 2.4349 +0.0014 +10.190 +0.301 28°3626

72. 8.17	3	20	2	9.202	28	57	57.64	
73. 9. 1	3			9.149			56.46	
74.10.12	3			9.244			56.28	
75. 9.15	2			9.183			56.53	
88. 9.20	7			9.234			57.37	

10863 9.4 2.5195 +0.0011 +10.200 +0.312 25°4108

79.10. 9	2	20	2	17.061	25	39	6.68	†

10864 8.8 2.4767 +0.0013 +10.201 +0.307 27°3621

73. 9. 4	3	20	2	18.278	27	21	22.31	
74.10. 8	3			18.322			21.71	
75. 8.16	2			18.263			22.20	
78.10.14	3			18.371			21.74	
88. 9.22	5			18.356			22.77	

10865 9.5 2.4858 +0.0013 +10.205 +0.308 — —

73. 8. 6	3	20	2	21.135	27	0	8.15	
90. 9.16	5			21.264			9.56	

10866 9.2 2.4196 +0.0015 +10.215 +0.299 29°3900

74. 9.28	3	20	2	29.624	29	34	5.09	+ 1 int.
90. 9.12	7			29.359			5.04	p. of 2

10867 9.2 2.4592 +0.0013 +10.215 +0.304 27°3622

72. 8.19	3	20	2	29.598	28	3	5.44	
72. 9.20	3			29.843			6.37	
73. 9. 1	1			29.700			6.81	
75. 9. 3	3			29.810			7.82	
75.10. 6	3			29.755			7.42	
78. 8.12	3			29.831			8.76	clds.
87. 9. 8	7			29.637			7.61	

10868 8^{m}9	2^{s}5011	+0^{s}0012	+10″221	+0″309	26°3799
72. 8.23	3	20^{h} 2^{m}34^{s}156	26° 24′ 23″96		Z.C. δ23″6
73. 8.14	3	33.940	24.75		
73. 9.16	2	34.075	23.65		
74. 9. 9	3	34.053	22.41		
76. 8.11	3	33.969	23.79		−5′
76. 9.20	3	33.948	24.04		
76. 9.21	3	34.010	23.19		
77. 9. 4	3	34.016	23.88		
80. 9. 3	3	34.184	22.97		
80. 9. 3	2	33.994	23.46		
81. 9.28	3	33.850	23.59		
81.10.15	3	34.007	23.16		
90.10.10	7	33.944	23.37		
10869 9.4	2.4140	+0.0015	+10.223	+0.298	29°3902
72. 8.28	3	20 2 35.231	29 46 52.44		
73. 8.30	3	35.273	52.43		
74. 8.29	3	35.329	51.77		
74. 9.12	3	35.200	52.36		
10870 9.1	2.4265	+0.0014	+10.223	+0.300	29°3901
81. 9.26	3	20 2 35.723	29 14 8.93		Z.C. δ9″3
81.10. 5	3	35.815	9.59		
85. 9. 4	5	35.920	9.48		
10871 9.0	2.5226	+0.0012	+10.243	+0.311	25°4111
73. 8.21	3	20 2 51.345	25 33 28.93		
75. 9.16	3	51.570	28.99		
75. 9.18	3	51.520	28.78		
86. 9.10	7	51.529	27.93		
10872 9.0	2.4945	+0.0013	+10.244	+0.308	26°3801
74. 9. 9	3	20 2 52.450	26 41 6.58		
74. 9.15	3	52.500	6.87		
76. 9.23	3	52.442	7.60		
77. 9. 7	3	52.516	7.46		
78. 8.27	3	52.371	7.59		
86.10. 2	5	52.409	6.92		
10873 9.4	2.4558	+0.0013	+10.246	+0.303	28°3632
85. 9. 1	5	20 2 54.141	28 12 31.02		
85. 9. 3	5	54.109	31.86		
85. 9.14	5	54.349	31.58		
85. 9.15	5	54.236	31.95		
10874 8.9	2.4053	+0.0015	+10.249	+0.297	30°3907
72. 9. 5	2	20 2 56.243	30 7 44.09		+ 5′
73. 9.20	3	56.090	44.76		Z.C. α56^{s}12
74. 8.22	3	56.151	45.27		
75. 8.30	3	56.048	45.41		
76.10. 7	3	56.087	45.19		
78. 9. 3	3	56.106	44.95		
10875 9.2	2.5238	+0.0012	+10.249	+0.312	25°4112
81.10. 8	3	20 2 56.515	25 30 43.24		
81.10.17	3	56.517	45.24		
85. 9.26	5	56.377	43.19		
10876 9.4	2.4539	+0.0013	+10.253	+0.303	28°3633
74. 9.24	3	20 2 59.468	28 17 15.40		
90. 9.13	7	59.472	18.41		
90. 9.19	7	59.537	16.06		
10877 8^{m}7	2^{s}4753	+0^{s}0013	+10″253	+0″306	27°3623
80. 9.29	3	20^{h} 2^{m}59^{s}778	27° 27′ 13″43		
92. 9.12	7	59.762	13.53		
10878 9.1	2.4064	+0.0015	+10.254	+0.297	30°3909
73. 9.20	1	20 3 0.602	30 5 35.49		
80. 9. 8	3	0.294	36.50		
80. 9. 8	2	0.184	37.25		
84. 9. 2	7	0.431	35.68		
86. 9.22	7	0.565	36.61		
88. 9.21	5	0.538	39.20		
10879 8.3	2.4650	+0.0013	+10.254	+0.304	27°3624
73. 9.23	3	20 3 0.641	27 51 24.66		
75. 8.16	2	0.566	25.66		
78. 8.12	1	0.570	28.75		clds.
78. 8.26	3	0.430	25.73		
87. 9.22	5	0.580	26.65		
10880 9.3	2.4206	+0.0015	+10.256	+0.299	29°3905
73. 8.22	3	20 3 1.860	29 33 52.36		
74. 9. 4	3	1.796	51.91		
87. 9.28	3	2.078	51.02		
10881 9.5	2.5188	+0.0012	+10.256	+0.311	— —
79.10.10	3	20 3 2.051	25 43 24.79		†
10882 8.0	2.5123	+0.0012	+10.259	+0.310	25°4113
73. 9.25	3	20 3 4.039	25 59 15.76		
74. 9.14	3	3.879	15.62		
75. 8.23	3	4.055	15.59		
88. 9.13	5	4.031	15.34		
10883 9.2	2.4576	+0.0013	+10.260	+0.304	28°3634
77. 8.29	3	20 3 4.908	28 9 0.35		
81.10. 1	3	4.937	1.88		
85. 9.18	5	4.958	0.98		
85.10. 3	5	4.712	1.22		
10884 9.3	2.4934	+0.0013	+10.262	+0.308	26°3802
72. 8.27	2	20 3 7.035	26 44 45.36		
75. 9.17	3	7.032	45.81		
10885 9.1	2.5340	+0.0011	+10.263	+0.313	25°4114
79.10.15	3	20 3 7.619	25 6 33.73		
82.10. 2	2	7.552	33.81		
85. 9. 9	3	7.513	35.15		clds.
85. 9.11	5	7.546	34.37		
10886 8.0	2.4910	+0.0013	+10.263	+0.307	26°3803
76. 9.20	3	20 3 7.987	26 50 31.63		
76. 9.21	2	7.699	30.63		
78. 9.18	3	7.817	31.70		
10887 9.0	2.4935	+0.0013	+10.274	+0.308	26°3804
74. 9.15	3	20 3 16.189	26 45 3.41		
76. 8.11	2	16.170	3.51		
76. 9.23	3	16.074	4.29		
78.10.11	3	16.146	3.92		
86.10. 4	5	16.178	4.46		
88. 9.26	7	16.227	3.85		

10888 $9^m.0$ $2^s.4236$ $+0^s.0014$ $+10''.274$ $+0''.299$ 29°3907

73. 8.22	3	$20^h\ 3^m16^s.365$	29° 27′ 46″.01	
75. 8.26	3	16.385	45.10	
75. 9.29	2	16.466	45.49	
88. 9.19	5	16.412	44.96	

10889 9.1 2.4242 +0.0014 +10.277 +0.299 — —

75. 9.29	2	20 3 19.035	29 26 45.66	†

10890 8.8 2.4193 +0.0015 +10.279 +0.298 29°3908

74. 8.22	3	20 3 20.531	29 38 4.75	
75. 9.14	3	20.555	2.91	
76. 9.19	2	20.694	1.88	

10891 8.9 2.5230 +0.0012 +10.282 +0.311 25°4115

72. 9.12	3	20 3 22.335	25 34 8.59	
73. 9. 8	3	22.398	7.29	
73. 9.22	3	22.404	7.04	
75. 9.16	3	22.389	7.69	
75. 9.18	3	22.350	7.69	
88.10. 3	5	22.405	5.88	

10892 8.5 2.4113 +0.0015 +10.283 +0.297 29°3909

74. 8.29	3	20 3 23.064	29 55 59.68	
74. 9.28	3	22.886	58.93	
76.10. 7	1	23.074	60.10	+ 1 int.
78. 9.12	3	23.165	60.17	

10893 8.7 2.4054 +0.0015 +10.285 +0.297 30°3911

92. 8.30	4	20 3 24.631	30 9 22.94	−5′
92. 9. 8	5	24.800	22.46	

10894 7.8 2.5148 +0.0012 +10.290 +0.310 25°4116

75. 8.23	2	20 3 28.652	25 54 40.13	
75. 9. 6	3	28.846	39.22	
75. 9. 9	3	28.690	39.29	
76. 8.21	2	28.656	38.66	
76.10. 4	2	28.861	38.42	cld.
77. 9.11	3	28.863	38.88	
78. 9.13	3	28.723	39.92	

10895 8.6 2.5380 +0.0011 +10.301 +0.313 24°4017

81. 9.28	3	20 3 37.762	24 58 24.71	
84. 9.10	7	37.658	22.86	
84. 9.11	7	37.608	22.62	
84. 9.17	7	37.687	22.75	−10′

10896 8.9 2.4107 +0.0015 +10.301 +0.297 29°3910

78. 9.12	1	20 3 37.916	29 58 23.72	
78. 9.20	3	38.076	24.58	
78. 9.23	3	37.998	24.66	

10897 9.5 2.5415 +0.0011 +10.304 +0.314 24°4019

85.10. 7	5	20 3 40.125	24 49 49.27	
85.10. 8	5	40.058	49.30	
85.10.16	5	39.990	48.15	
86. 8.30	5	40.118	48.54	

10898 9.3 2.5010 +0.0012 +10.307 +0.309 26°3807

80. 9. 7	3	20 3 43.029	26 28 49.74	†

10899 $8^m.3$ $2^s.4544$ $+0^s.0014$ $+10''.317$ $+0''.302$ 28°3639

72. 7.19	3	$20^h\ 3^m50^s.316$	28° 19′ 12″.73	
72. 8.14	3	50.661	13.45	
72. 8.15	3	50.369	12.32	
72. 8.20	3	50.505	12.14	
74. 9.24	3	50.455	12.92	−1 int.
76. 9. 1	2	50.446	12.58	
76.10.11	3	50.518	12.79	
77. 9. 1	3	50.410	12.79	
90. 9. 5	7	50.267	13.06	

10900 8.7 2.4160 +0.0015 +10.320 +0.298 29°3911

72. 8.30	3	20 3 53.393	29 47 19.16	
75. 8.30	3	53.461	19.60	

10901 8.9 2.4921 +0.0013 +10.322 +0.308 26°3808

72. 8.23	1	20 3 55.324	26 50 44.18	
73. 8.14	3	54.900	45.20	
77. 9. 4	3	54.908	44.03	
86. 9.13	5	54.933	44.34	
87. 9. 7	5	54.980	44.57	

10902 9.5 2.4356 +0.0014 +10.322 +0.300 28°3640

81. 9.30	3	20 3 54.973	29 3 1.56	Z.C. δ 1″.7
86. 9.29	5	55.043	1.91	

10903 9.3 2.4927 +0.0013 +10.329 +0.308 26°3809

72. 8.23	2	20 3 59.866	26 49 27.81	
73. 8.14	3	59.841	28.19	
81.10. 1	3	60.169	30.43	
82.10. 2	3	59.994	28.69	
85. 9.24	5	59.926	29.98	

10904 9.5 2.5147 +0.0012 +10.330 +0.310 25°4119

72. 9.12	3	20 4 1.088	25 56 35.44	Z.C. δ 36″.7
73. 8.21	3	0.978	37.89	
77. 8.21	3	0.805	36.79	

10905 8.8 2.4812 +0.0013 +10.331 +0.306 27°3628

72. 8.19	3	20 4 2.159	27 16 56.49	
73. 9. 4	3	2.288	57.25	
74.10. 8	3	2.224	56.64	
75. 9. 3	3	2.117	56.73	
75. 9.20	3	2.137	58.04	
76. 8.25	3	2.237	56.30	
77. 8.29	3	2.243	56.85	
78.10.14	3	2.261	57.77	
86. 9.30	5	2.121	58.23	

10906 9.2 2.5378 +0.0011 +10.334 +0.313 24°4023

86. 9. 1	7	20 4 4.139	25 0 27.68	
86. 9. 7	7	4.121	27.51	
86. 9.15	5	4.067	25.65	

10907 9.1 2.4058 +0.0015 +10.335 +0.296 30°3915

72. 8.28	3	20 4 4.631	30 11 7.18	−1′
74. 9. 4	3	4.654	6.83	
74. 9.28	3	4.632	7.84	
78. 9.20	3	4.676	7.87	
79. 9. 2	3	4.829	7.68	

10908 9.4 2.5201 +0.0012 +10.335 +0.311 25°4120

73. 9. 8	1	20 4 4.981	25 43 38.58	
75. 9. 6	3	5.133	39.83	
78. 8.27	3	5.094	40.25	
78. 9.26	3	5.125	40.01	
78.10.25	2	5.130	40.12	

10909	$9^{\mathrm{m}}5$	$2^{\mathrm{s}}4570$	$+0^{\mathrm{s}}0014$	+10″337	+0″302	28°3641
90. 9.29	7	$20^{\mathrm{h}}\ 4^{\mathrm{m}}\ 6^{\mathrm{s}}448$		28° 14′ 3″98		† C−20″
10910	9.0	2.5175	+0.0012	+10.338	+0.310	25°4121
74. 9.14	3	20 4 7.368		25 50 10.37		
79. 9. 8	2	7.673		9.95		
79. 9.15	3	7.372		10.25		
79. 9.22	3	7.446		9.89		ex. ft.
79.10.16	3	7.615		8.86		
79.10.17	3	7.495		10.25		
79.10.25	3	7.330		9.97		
84. 9.29	7	7.573		9.72		
84.10. 4	7	7.535		9.33		
10911	9.0	2.4552	+0.0014	+10.343	+0.302	28°3642
74. 9.24	3	20 4 11.564		28 18 28.86		
75. 8.18	3	11.669		29.65		
75. 9.25	3	11.620		28.93		
76. 9. 1	2	11.394		28.83		
10912	9.4	2.5214	+0.0012	+10.344	+0.311	25°4122
76. 9.20	2	20 4 12.428		25 40 54.47		
76. 9.21	2	12.150		55.04		
79. 9.27	3	12.614		54.59		
79.10. 1	3	12.343		54.78		
79.10. 9	3	12.513		55.53		
79.10.10	3	12.593		54.66		
86. 9. 8	7	12.408		54.46		
86. 9.11	7	12.353		54.52		
86.10. 6	5	12.516		54.50		
10913	9.3	2.4147	+0.0015	+10.349	+0.297	29°3915
92. 9. 5	7	20 4 16.400		29 51 44.22		
92. 9.10	4	16.328		46.45		
10914	8.5	2.4709	+0.0014	+10.352	+0.304	27°3630
72. 7.30	3	20 4 18.904		27 42 19.61		
72. 9.20	3	18.777		21.01		
76. 8.14	3	18.840		22.28		
84. 9.25	7	18.819		22.53		
10915	9.3	2.4489	+0.0014	+10.356	+0.301	— —
74. 9.22	3	20 4 21.636		28 33 56.96		
90. 9.11	7	21.453		56.55		
10916	9.1	2.4197	+0.0015	+10.357	+0.298	29°3916
84. 9.18	7	20 4 22.470		29 41 3.32		
84. 9.20	4	22.585		3.56		
84. 9.22	7	22.569		4.07		
10917	9.4	2.4201	+0.0015	+10.368	+0.298	29°3917
81.10. 8	3	20 4 31.662		29 40 35.41		
81.10.15	3	31.669		35.83		
10918	9.0	2.4155	+0.0015	+10.368	+0.297	29°3918
72. 9. 3	3	20 4 31.952		29 51 1.84		
72. 9. 5	2	31.761		2.24		
73. 9.20	3	31.830		3.80		
74. 8.29	3	31.686		1.67		
75. 9.14	3	31.650		2.37		
76. 9.19	2	31.911		1.55		
79. 9. 2	3	31.690		1.81		
79. 9.25	2	31.736		1.65		
79. 9.27	3	31.844		2.06		
79.10.16	3	31.844		0.22		

10919	$8^{\mathrm{m}}2$	$2^{\mathrm{s}}4648$	$+0^{\mathrm{s}}0014$	+10″369	+0″303	27°3631
72. 8.12	3	$20^{\mathrm{h}}\ 4^{\mathrm{m}}32^{\mathrm{s}}569$		27° 57′ 28″17		Z.C.δ28″3
75. 9.20	3	32.233		28.51		
77. 8.16	3	32.379		27.93		
81.10. 5	3	32.391		28.66		
10920	8.9	2.4808	+0.0013	+10.372	+0.305	27°3632
75. 9. 3	3	20 4 34.973		27 20 3.76		
76. 8.25	2	35.025		3.34		
78. 9.10	3	34.917		4.69		
78. 9.16	3	34.938		4.60		
78. 9.18	3	34.946		4.72		
78. 9.19	2	35.043		5.06		v. ft.
88. 9.22	5	34.763		5.14		
10921	9.4	2.4209	+0.0015	+10.373	+0.297	— —
87. 9. 6	5	20 4 35.620		29 39 10.30		†
10922	8.1	2.4901	+0.0013	+10.374	+0.306	26°3811
72. 8.27	2	20 4 36.700		26 57 54.89		
73. 8. 6	3	36.521		54.65		
74. 9.15	3	36.601		54.05		
78.10.11	3	36.530		55.38		
10923	9.4	2.4565	+0.0014	+10.376	+0.302	28°3643
85. 9. 4	7	20 4 38.247		28 17 30.00		
85. 9.21	7	38.062		29.37		
85. 9.22	7	38.112		29.54		
10924	8.1	2.4287	+0.0015	+10.378	+0.299	29°3919
73. 8.30	2	20 4 39.603		29 21 36.85		
75. 8.26	2	39.518		37.18		
79. 9.29	3	39.618		35.66		
10925	7.8	2.5347	+0.0011	+10.379	+0.311	25°4124
73. 9.25	3	20 4 40.527		25 10 5.08		
75. 8.23	3	40.400		5.44		
76. 9.23	3	40.470		5.25		
78. 9.13	3	40.403		6.05		
88. 9.27	5	40.323		6.24		
10926	9.2	2.4663	+0.0014	+10.379	+0.303	27°3633
73. 9.23	3	20 4 40.465		27 54 29.97		
92. 9.14	6	40.414		30.14		
10927	8.9	2.4761	+0.0014	+10.385	+0.304	27°3634
88.10. 5	7	20 4 45.000		27 31 56.28		
92. 8.30	4	44.787		57.60		$+1^{\mathrm{s}}$
92. 9. 8	5	45.187		56.77		
10928	9.5	2.5165	+0.0012	+10.391	+0.309	25°4126
73. 9.22	3	20 4 49.758		25 55 5.56		†
10929	9.5	2.4429	+0.0015	+10.391	+0.300	— —
72. 8.17	2	20 4 49.998		28 49 41.67		†
10930	7.6	2.4669	+0.0014	+10.396	+0.303	27°3636
73. 9. 4	3	20 4 53.971		27 54 6.96		
74.10. 8	3	53.997		5.47		
75. 8.16	3	53.892		6.48		
77. 8.16	1	54.295		5.79		
78. 8.12	1	53.751		5.88		clds.
86.10. 2	5	53.892		5.56		

10931 9^{m}.1 2^{s}.5335 +0^{s}.0011 +10″.399 +0″.311 25°4127

75. 9.18	3	20^{h}	4^{m}	56^{s}.716	25°	14′	6″.23	
76. 8.21	3			56.645			6.36	
88. 9.13	5			56.718			5.02	

10932 9.0 2.4430 +0.0015 +10.400 +0.300 28°3644

72. 8.14	3	20	4	57.463	28	49	51.79	
72. 8.17	3			57.309			50.77	
74.10.12	3			57.263			50.72	
87. 9.28	5			57.544			50.70	

10933 9.5 2.5177 +0.0012 +10.401 +0.309 — —

79. 9.15	3	20	4	57.857	25	52	52.71	†

10934 8.6 2.5391 +0.0011 +10.401 +0.312 24°4027

75. 9. 6	2	20	4	58.289	25	0	26.92	
75. 9.16	3			58.123			26.09	
76.10. 4	3			58.281			25 88	
77. 8.21	3			57.999			24.72	
78. 9.26	3			58.134			26.11	
79. 9. 8	2			57.923			25.51	
79. 9.22	3			58.362			26.43	
79. 9.25	3			58.021			24.75	
79.10.17	3			58.243			25.89	
81. 9.28	2			58.136			26.61	
85. 9.26	5			58.074			24.58	

10935 8.6 2.4292 +0.0015 +10.403 +0.298 29°3920

73. 8.22	3	20	4	59.131	29	21	49.73	
74. 9. 4	3			59.146			48.09	
74. 9.28	3			59.277			48.11	
75. 8 26	3			59.238			48.03	
75. 8.30	3			59.351			47.71	
78. 9.20	1			59.201			49.30	
88. 9.21	5			59.201			50.02	

10936 9.0 2.5099 +0.0012 +10.408 +0.308 26°3814

73. 9.16	3	20	5	3.508	26	12	5.42	
74. 9. 9	3			3.280			4.94	
75. 9.17	3			3.623			4.82	
87. 9.22	7			3.448			5.65	+ 5′

10937 9.2 2.4345 +0.0015 +10.411 +0.299 29°3922

76. 8.29	2	20	5	6.042	29	9	54.94	
90. 9.27	5			6.046			54.41	

10938 9.2 2.5358 +0.0011 +10.417 +0.311 25°4130

73. 9. 8	1	20	5	10.604	25	9	9.54	
73. 9.25	1			10.347			9.91	d.l.
74. 9.14	3			10.333			9.08	
76. 9.21	2			10.281			9.27	d.s.p.
78. 9.26	2			10.497			9.27	c.d.
78.10.25	2			10.448			10.44	
79.10.15	3			10.462			9.88	Z.C. δ 9″.6
81. 9.26	3			10.508			9.67	Z.C. Ep. 77.2

An observation on 77.9.11 originally included in the Z.C. mean has been rejected, owing to uncertainty in the record

10939 8.5 2.4317 +0.0015 +10.419 +0.298 29°3924

73. 9.20	2	20	5	11.964	29	16	48.04	
75. 9.29	3			12.051			47.74	
76. 9.19	1			12.054			46.76	
86. 9.22	5			11.985			48.23	

10940 9^{m}.2 2^{s}.5311 +0^{s}.0011 +10″.419 +0″.311 25°4131

81. 9.30	3	20^{h}	5^{m}	12^{s}.377	25°	20′	55″.99	
85. 9. 1	5			12.505			56.02	
85 9. 9	7			12.252			57.39	
85. 9.11	7			12.381			56.68	
85. 9.14	7			12.391			56.89	
85. 9.15	5			12.304			56.19	

10941 9.0 2.4777 +0.0014 +10.429 +0.304 27°3637

72. 7.30	3	20	5	20.064	27	30	8.40	
72. 8.19	3			20.044			8.29	
72. 9.20	3			20.010			9.28	
73. 9.23	3			20.091			11.55	
75. 9.20	2			20.236			9.74	
76. 8.14	3			20.158			8.75	

On 73.9.23 the 2 microscopes read give results differing by about 5″: B should probably be altered 5″ giving δ 9″.05

10942 5.8 2.5020 +0.0013 +10.429 +0.307 26°3815

73. 9.16	3	20	5	20.654	26	32	5.99	
76. 9.23	1			20.431			4.67	
76.10. 4	2			20.433			5.29	
77. 9. 4	3			20.529			6.36	
77. 9. 7	3			20.450			4.52	
80. 9. 7	3			20.427			5.10	
80. 9. 7	3			20.418			6.17	
86.10. 4	7			20.473			5.79	

10943 9.2 2.4251 +0.0015 +10.430 +0.298 29°3925

74. 8.22	3	20	5	20.861	29	32	26.02	
74. 8.29	3			20.889			23.84	
74. 9.12	2			20.997			23.91	− 5′
88. 9.19	5			20.961			26.07	
90. 9.12	7			20.949			25.98	

10944 9.5 2.5190 +0.0012 +10.432 +0.309 25°4132

72. 9.12	3	20	5	22.285	25	51	10.69	
79.10. 1	2			22.197			11.69	
79.10. 9	3			22.431			9.97	− 1 int.
79.10.10	3			22.616			9.98	
81.10. 1	3			22.813			11.02	
85. 9. 3	7			22.345			10.94	
85. 9.18	7			22.643			11.08	

10945 7.0 2.4635 +0.0014 +10.433 +0.303 28°3645

72. 7.19	3	20	5	23.747	28	3	55.15	
72. 8.15	3			23.653			53.91	
73. 9. 1	3			23.739			56.30	
75. 9.25	3			23.849			54.47	

10946 9.5 2.5210 +0.0012 +10.433 +0.310 25°4133

79.10.17	1	20	5	23.835	25	46	21.22	
85.10. 3	7			23.958			21.67	
85.10. 7	5			23.903			21.40	
85.10. 8	5			23.974			21.77	
92. 8.30	3			23.850			21.06	

10947 9.3 2.4246 +0.0015 +10.434 +0.298 — —

74. 9.12	3	20	5	24.706	29	33	49.42	
90. 9.15	7			24.683			48.79	

10948 8.5 2.4817 +0.0013 +10.437 +0.305 27°3638

74.10. 8	3	20	5	26.889	27	21	4.59	
78. 9.18	3			26.689			4.51	
78. 9.19	3			26.997			4.71	cld.
88.10. 3	7			26.728			4.66	

10949 $7^{\mathrm{m}}.5$ $2^{\mathrm{s}}.4396$ $+0^{\mathrm{s}}.0015$ $+10''.437$ $+0''.299$ 28°3646

72. 8 20	3	$20^{\mathrm{h}}\,5^{\mathrm{m}}27^{\mathrm{s}}.236$	28° 59′ 41″.51	
73. 9. 1	2	27.147	41.30	
75. 8.18	3	27 203	42.12	
76.10.11	3	27.187	42.21	
86. 9.29	5	27.167	44.28	

10950 7.8 2.4158 +0.0015 +10 441 +0.296 29°3926

72. 8.28	3	20 5 30.047	29 54 17.55	
72. 9. 3	1	30.378	18.68	
75. 9.29	1	29.958	18.29	
76.10. 7	3	30.023	17.79	
87. 9. 8	7	29.886	18.09	
88. 9.20	5	29.972	17.84	

10951 9.5 2.4767 +0.0014 +10.451 +0.303 27°3639

75. 8.16	3	20 5 37.858	27 33 34.00	†

10952 8.3 2.4920 +0.0013 +10.457 +0.305 26°3816

73. 8. 6	3	20 5 42.694	26 57 30.03	
78.10.11	3	42.819	30.83	
81.10. 8	3	42.730	29.08	

10953 8.5 2.4435 +0.0015 +10.461 +0.299 28°3648

74. 9 24	3	20 5 45.952	28 51 49.87	
74.10.12	3	46.049	48.84	
77. 8.31	3	45.938	50.12	
87. 9. 7	7	46.105	50.22	

10954 8.9 2.4539 +0.0014 +10.461 +0.301 28°3649

75. 9.15	2	20 5 46.356	28 27 45.54	
75.10. 6	3	46.218	45.38	
76.10.11	3	46.469	45.16	

10955 8.4 2.4632 +0.0014 +10.461 +0.302 28°3647

74. 9.22	3	20 5 46.515	28 6 6.56	
75. 8.18	3	46.432	5.69	
81.10. 5	3	46.377	5.66	
81.10.15	3	46.414	4.60	

10956 9.1 2.4610 +0 0014 +10.465 +0.301 28°3650

75. 9.25	2	20 5 49.387	28 11 17.22	Z.C.δ 18″.1
90. 9.19	6	49.577	17.94	
92. 9.15	6	49.400	19.12	−1 int.

10957 9.5 2.4974 +0.0013 +10.470 +0.306 26°3817

74. 9. 9	3	20 5 52.780	26 45 14.01	
74. 9.15	2	53.100	14.49	
76. 8.11	3	52.901	14.57	
85.10. 1	7	52.889	15.14	

10958 9.2 2.4293 +0.0015 +10.471 +0.298 29°3927

81. 9.26	3	20 5 54.349	29 25 5.54	Z.C.δ 6″.2
81. 9.28	2	54.325	6.93	
81. 9.30	3	54.261	5.49	
85. 9.24	5	54.156	7.01	

10959 8.8 2.4705 +0.0014 +10.472 +0.303 27°3640

72. 8.12	3	20 5 55.283	27 49 22.72	
73. 9.23	2	54.956	21.92	
76. 8.14	3	54.957	21.69	
85.10.16	5	54.946	21.64	

10960 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4520$ $+0^{\mathrm{s}}.0015$ $+10''.476$ $+0''.300$ 28°3651

86 9.15	5	$20^{\mathrm{h}}\,5^{\mathrm{m}}58^{\mathrm{s}}.460$	28° 33′ 1″.40	†

10961 8.0 2.4316 +0.0015 +10.479 +0.298 29°3928

72. 9. 5	2	20 6 0.481	29 20 8.15	
73. 8 30	3	0.365	8.71	
74. 9.28	2	0.324	7.46	
75. 8.30	3	0.258	7.33	
78. 9.12	3	0.381	8.73	
79. 9. 2	3	0.260	8.72	
79. 9 22	3	0.370	7.28	
80. 9.29	3	0.184	7.19	
81 9. 9	3	0.342	7.13	

10962 8.9 2.5219 +0.0012 +10.479 +0.309 25°4138

73. 9.22	3	20 6 0.971	25 46 13.13	
75. 9. 9	3	0.859	14.18	
75. 9.18	1	0.979	13.37	
76. 9.20	2	0.800	13.24	
77. 8.21	3	0.992	12.49	
79. 9. 8	3	0.858	13.50	
79.10. 9	3	0.914	14.12	
79.10.10	3	0.892	13.16	
80.10.14	3	0.873	10.92	
86. 9.13	7	0.811	12.95	

10963 8.6 2.5388 +0.0011 +10.486 +0.311 25°4140

72. 9.11	3	20 6 6.466	25 4 59.97	
75. 9. 6	2	6.516	61.04	
79.10.15	3	6.412	60.84	
79.10.25	3	6.411	59.90	
80.10. 1	2	6.404	61.24	
80.10.23	3	6.425	59.77	
86. 9.30	5	6.470	60.46	

10964 9.0 2.5155 +0.0012 +10.489 +0.308 25°4141

75. 8.23	3	20 6 8.688	26 2 35.75	
78.10. 3	3	8.866	34.96	v. ft.
79. 9.15	2	8.861	35.78	w. 6 + 10^{s}

10965 9.1 2.4149 +0.0016 +10.489 +0.296 29°3930

73. 8.22	3	20 6 8.871	29 58 51.81	
75. 9.14	3	8.797	51.33	
88. 9.22	5	8.868	52.71	

10966 8.7 2.4377 +0.0015 +10.493 +0.299 29°3931

74. 8.22	3	20 6 12.009	29 6 57.59	Z.C.δ 56″.6
74. 8 29	3	12.176	55.58	
75. 9.14	2	12.223	55.86	
83. 9 14	3	12.096	57.27	

10967 9.0 2.4613 +0.0014 +10.495 +0.301 28°3652

76. 9. 1	3	20 6 13.249	28 12 20 83	
81.10.17	3	13.131	20.20	
84. 9.18	5	12.918	21.41	
84. 9.20	5	13.145	21.02	

10968 9.4 2.5064 +0.0012 +10.495 +0.307 — —

80. 9. 3	2	20 6 13.124	26 24 34.19	†

10969 9.4 2.5066 +0.0012 +10.497 +0.307 — —

80. 9. 3	3	20 6 15.252	26 23 37.68	
90.10.10	6	15.105	36.29	

10970	$9^{m}.0$	$2^{s}.5164$	$+0^{s}.0012$	$+10''.500$	$+0''.308$	25°4144
76. 8.21	3	$20^{h}\ 6^{m}\ 17^{s}.290$	26° 0′ 52″.97			
78.10. 3	1	17.362	50.94			v. ft.
79. 9. 8	1	17.350	54.11			
79. 9.25	2	17.320	53.34			
10971	7.9	2.4462	+0.0015	+10.503	+0.300	28°3653
72. 8.14	3	20 6 20.099	28 47 45.17			Z.C.α 20ˢ.05
74. 9.24	3	20.020	45.70			
74.10.12	2	20.155	44.80			
76.10.11	1	19.926	44.77			
78. 9.19	2	20.030	44.58			
86.10. 6	5	20.073	45.93			
10972	8.8	2.4903	+0.0013	+10.510	+0.305	27°3642
73. 9. 4	3	20 6 25.887	27 4 23.73			
75. 9. 3	3	25.726	22.13			
75. 9. 7	3	25.802	21.73			
75. 9.20	2	25.755	22.10			
78.10.14	3	25.688	21.56			
10973	9.5	2.4861	+0.0013	+10.513	+0.304	27°3643
74.10. 8	2	20 6 27.755	27 14 20.66			† Z.C.δ 20″.7
10974	5.9	2.5064	+0.0012	+10.521	+0.307	26°3825
72. 8.23	3	20 6 34.689	26 26 15.33			
74.10.19	2	34.628	12.96			
75. 9.17	3	34.568	13.62			
78. 9.18	2	34.540	12.93			
80. 9. 7	2	34.570	13.33			
10975	6.3	2.5043	+0.0013	+10.525	+0.306	26°3826
73. 9.16	3	20 6 37.523	26 31 26.95			
74.10.19	2	37.697	25.18			
77. 9. 7	3	37.556	26.43			
10976	9.0	2.5163	+0.0012	+10.526	+0.308	25°4145
73. 9.25	3	20 6 38.019	26 2 27.40			§
75. 9.16	3	37.940	28.00			
76.10. 4	2	38.046	27.88			
79.10.16	3	38.023	25.90			
80. 9.13	1	38.107	29.36			+ 1′
81. 9 9	3	38.161	28.33			
86. 9. 7	7	38.131	27.45			
88. 9 26	5	37.972	27.99			
10977	9.0	2.5173	+0.0012	+10.526	+0.308	25°4146
74.10.21	3	20 6 38.724	25 59 53.29			
75. 9. 9	3	38.318	55.42			
77. 8 21	1	38.542	54 23			
78. 9 26	2	38.721	54.28			
78.10.25	1	38.545	54.51			
79.10 9	2	38.641	55.06			
79.10.15	3	38.562	54.74			
80. 9.13	2	38.724	54.72			
80.10.14	3	38.544	52.87			
80.10.23	3	38.764	53.63			
81.10. 1	3	38.820	54.67			
88. 9.27	7	38.649	54.37			
10978	9.5	2.4718	+0.0014	+10.526	+0.302	27°3645
72. 9.20	3	20 6 38.767	27 49 6.75			†
10979	$9^{m}.4$	$2^{s}.5287$	$+0^{s}.0012$	$+10''.529$	$+0''.309$	25°4147
72. 9.12	3	$20^{h}\ 6^{m}\ 41^{s}.106$	25° 31′ 55″.42			
73. 9.22	1	41.029	55.86			
78. 9.13	3	41.179	56.50			
79. 9.27	3	41.141	56.52			
80. 9.29	3	41.011	56.09			
10980	7.5	2.5081	+0.0012	+10.532	+0.307	26°3827
74. 9 9	3	20 6 43.783	26 22 17.76			
76. 9.21	3	43.563	16.74			
78. 9.18	1	43.252	17.38			
78 10.11	3	43.576	17.58			
10981	6.1	2.5148	+0.0012	+10.536	+0.308	26°3828
72. 8.27	3	20 6 46.217	26 6 24.88			
73. 8. 6	3	46.108	23.97			
74. 9 15	3	46.296	23.43			
86 10. 2	7	46.190	23.36			
10982	8.7	2.4484	+0.0015	+10 536	+0.299	28°3656
72. 8.15	3	20 6 46.755	28 44 25.28			
75. 9.25	1	46.682	26.97			
76. 8.25	3	46.870	25.06			
10983	9.4	2.4868	+0.0013	+10 538	+0.304	27°3647
77. 8.16	3	20 6 47.620	27 13 58.12			Z.C.δ 58″.4
81. 9.30	2	47.587	58.37			
81.10 5	2	48.004	58.62			
10984	9.2	2.4551	+0.0014	+10.539	+0.300	28°3655
75.10. 6	2	20 6 49.242	28 29 8.99			†
10985	8.7	2.4466	+0.0015	+10.545	+0.299	28°3658
74. 9.24	1	20 6 53.278	28 49 9.69			
75. 8.18	2	53.317	10.94			
77. 9. 1	3	53.363	10.72			
78. 9.10	3	53.290	9.97			
78. 9.16	3	53.180	10.53			
86. 9.10	5	53.326	9.25			
10986	9.0	2.4542	+0.0015	+10.546	+0.299	28°3657
72. 7.19	3	20 6 54.148	28 31 22.64			
73. 9. 1	3	54.068	22.97			
75.10. 6	2	54.183	23.01			
76. 9. 1	3	54.067	22.42			
77. 8.31	3	54.026	22.34			
10987	9.5	2.4871	+0.0013	+10.552	+0.304	— —
81.10.15	3	20 6 59.439	27 14 4.23			† Z.C.δ 4″.2
10988	9.3	2.4139	+0.0016	+10.557	+0.295	30°3938
80. 9. 8	2	20 7 2.875	30 4 49.52			†
10989	9.2	2.4629	+0.0014	+10.557	+0.300	28°3659
74. 9.22	3	20 7 3.190	28 11 38.42			†
10990	8.6	2.4652	+0.0014	+10.558	+0.301	28°3661
74. 9.22	2	20 7 4.171	28 6 14.20			Z.C.δ 13″.3
75. 9.15	3	4.046	13.67			
77. 8.31	1	4.177	13.49			
85. 9 26	5	4.019	11.92			
10991	9.0	2.4467	+0.0015	+10.567	+0.298	28°3662
72. 8.17	3	20 7 11.794	28 50 12.00			
81.10.17	1	11.831	11.49			

10992 $8^m.7$ $2^s.4424$ $+0^s.0015$ $+10''.571$ $+0''.298$ 28°3664

73. 9. 1	1	20^h	7^m	$14^s.756$	29°	0′	$20''.22$	d.l.
79. 9. 2	1			14.753			21.69	?v. c. d.
79. 9.15	2			14.758			20.10	c. d. s. f.
79. 9.27	2			14.835			20.10	c. d. s. f.
80. 9.29	2			14.803			20.40	c. d. l.
80. 10.23	2			14.835			19.61	
88. 9.21	5			14.741			23.11	c. d. m. §

10993 9.4 2.4138 +0.0016 +10.572 +0.295 30°3940

80. 9. 8	2	20	7	15.073	30	5	50.32	
92. 9.12	7			15.342			50.25	

10994 9.5 2.4129 +0.0016 +10.572 +0.294 30°3941

81. 10. 8	2	20	7	15.537	30	7	47.77	†

10995 7.5 2.5358 +0.0011 +10.573 +0 310 25°4149

73. 9. 8	3	20	7	15.966	25	16	32.22	
74. 9.14	3			15.895			32 11	
75. 8.23	3			15.876			31.93	
86. 9.22	7			15.865			33.23	

10996 8.9 2.4490 +0.0015 +10.574 +0.299 28°3663

72. 8.20	3	20	7	17.030	28	45	11.46	
76. 8.25	2			17.001			10.67	
77. 9. 1	3			17.097			12.07	
78. 9.23	3			17.066			13.51	
79 9. 2	3			17.063			12.75	
88. 9.20	5			17.025			13.03	

The B.D. *a* is 3^s less

10997 8.9 2.4166 +0.0016 +10.574 +0.295 29°3935

72. 8.28	3	20	7	17.292	29	59	42.42	
73. 8.30	3			17.104			41.11	
73. 9.20	3			17.000			40.76	
74. 9. 4	1			16.870			40.56	
75. 8.26	3			17.020			41.87	
76. 9.19	3			17.193			39.91	
88. 9.19	5			17.036			41.85	

10998 8.8 2.5310 +0.0011 +10.575 +0.310 25°4150

73. 9.25	1	20	7	18.129	25	28	34.72	
75. 9. 9	2			17.891			34.12	
76. 9.20	3			17.890			34.96	
79. 10.10	3			17.908			34.15	
79. 10.16	3			18.068			32.36	
79. 10.25	3			17.980			34.65	
80. 10. 1	3			17.866			34.64	
82. 8.30	3			18.012			34.24	
85. 9. 1	7			17.968			34.32	
86. 9.29	5			18.013			35.07	

10999 9.3 2.4470 +0.0015 +10.575 +0.299 28°3665

72. 8.15	3	20	7	18.269	28	49	43.78	
74. 10.12	2			18.192			43.99	
81. 10.17	2			18.129			45.36	

11000 9.0 2.5324 +0.0011 +10.583 +0.309 25°4151

72. 9.11	3	20	7	24.364	25	25	26.64	
75. 9. 6	2			24.377			27.82	
76. 9.23	3			24.337			27.44	
78. 9.13	3			24.359			27.85	
79. 10.17	3			24.316			26.78	
80. 10.14	1			24.100			23.99	
88. 9.13	7			24.200			27.54	

11001 $8^m.9$ $2^s.4762$ $+0^s.0014$ $+10''.594$ $+0''.302$ 27°3649

72. 7.30	3	20^h	7^m	$33^s.518$	27°	41′	$56''.73$	
72. 8.12	3			33.478			59.87	
73. 9.23	3			33.417			58.76	
76. 8.14	3			33.496			60.25	
78. 10.14	3			33.401			58.95	

11002 9.5 2.5340 +0.0011 +10.597 +0.309 — —

74. 9.14	2	20	7	36.043	25	22	14.42	†

11002ᵃ 9.5 2.4382 +0.0015 +10.598 +0.297 29°3936

90. 10. 8	7	20	7	36.708	29	11	25.35	†

11003 The catalogue place is 1^s wrong: see 11002ᵃ

11004 8.9 2.4193 +0.0016 +10.610 +0.294 29°3940

73. 8.22	3	20	7	45.846	29	55	10.99	
73. 9.20	3			45.993			9.66	
75. 9.29	3			46.177			10.17	

11005 7.9 2.4965 +0 0013 +10 610 +0.304 26°3831

72. 8.23	3	20	7	46.346	26	54	33.04	
73. 8.14	3			46.312			35.40	
75. 9.17	3			46.371			35.02	
76. 8.11	3			46.342			34.15	
86. 9.15	7			46.427			32.88	

11006 9.5 2.4478 +0.0015 +10.614 +0.298 28°3668

72. 8.17	2	20	7	49 106	28	50	0.93	d.s.p.
72. 8.20	3			49 214			0.53	d.p.

11007 9.5 2.4377 +0.0015 +10.616 +0.297 29°3941

75. 8.26	3	20	7	51.219	29	13	24.02	†

11008 9.3 2.5393 +0.0011 +10.619 +0.310 25°4153

90. 9.24	5	20	7	53.533	25	10	12.68	†

11009 9.2 2.4435 +0.0015 +10.623 +0.298 28°3670

81. 9.28	3	20	7	57.081	29	0	38.63	
85. 9. 3	7			57.071			38.29	
85. 9. 9	2			57.055			38.64	§
85. 9.11	7			57.067			38.18	

11010 8.8 2.5399 +0.0011 +10.625 +0.310 25°4154

72. 9.12	3	20	7	58.222	25	8	47.39	
73. 9.22	2			58.191			47.32	
74. 10.21	3			58.271			47.00	
85. 10.16	5			58.229			46.49	

11011 8.5 2.5468 +0.0011 +10.626 +0.310 24°4045

84. 9. 2	5	20	7	59.095	24	51	56.21	
84. 9.10	5			59.065			56.40	
85. 9. 4	7			59.226			57.07	
85. 9.15	5			59.051			56.52	

11012 8.3 2.4149 +0.0016 +10.628 +0.294 30°3946

72. 9. 3	3	20	8	0.556	30	6	11.16	
74. 8.22	3			0.408			11.71	
81. 10. 1	3			0.452			11.79	
86. 9.30	7			0.385			11.44	

11013	$8^{\mathrm{m}}.3$	$2^{\mathrm{s}}.4805$	$+0^{\mathrm{s}}.0014$	$+10''.659$	$+0''.302$	27°3652
72. 9.20	3	$20^{\mathrm{h}}\ 8^{\mathrm{m}}25^{\mathrm{s}}.973$	$27^{\circ}\,35'\ 8''.51$			
73. 9.23	3	26.300	9.31			
75. 8.16	3	26.204	9.38			
75. 9.20	3	26.153	10.05			
86.10. 6	7	26.184	9.32			
11014	9.5	2.5206	+0.0012	+10.660	+0.307	25°4156
81. 9.26	3	20 8 26.874	25 58 34.00			
81. 9.28	3	26.721	34.11			
85.10. 1	5	26.688	33.23			
88.10. 5	7	26.683	31 90			
11015	8.0	2.4914	+0.0013	+10.662	+0.303	27°3653
73. 9. 4	3	20 8 28.011	27 9 28.81			
73. 9. 4	2	28.151	28.77			
74.10. 8	3	28.036	27.38			
75. 9. 3	3	28.087	28.21			
75. 9. 7	3	28.091	27.31			
77. 8.29	3	28.092	28.43			
78. 9.10	3	27.893	28.27			
88.10. 3	7	28.113	27.67			
11016	9.2	2 4462	+0.0015	+10.662	+0.298	28°3673
81.10. 8	2	20 8 28.070	28 56 14.37			
85. 9.18	6	28.145	16.15			
11017	9.4	2.4161	+0.0016	+10.666	+0.294	30°3949
75. 9. 1	3	20 8 31.614	30 5 41.30			
85.10. 7	5	31.793	41.24			
85 10. 8	5	31.725	41.62			
87. 9. 6	5	31.843	42.09			
90. 9.12	7	31.608	40.88			
11018	9.0	2.5373	+0.0011	+10.667	+0.309	25°4158
81.10. 1	2	20 8 32.363	25 17 24.78			Z.C. $\delta\,24''.1$
84. 9.18	5	32.163	24.43			
84. 9.20	3	32.201	23.00			
11019	8.8	2.5109	+0.0013	+10.668	+0.305	26°3835
72. 8.27	3	20 8 32.989	26 22 25.64			Z.C. $\delta\,24''.7$
73. 9.16	3	32.906	26.69			
76. 9.21	3	32.789	23.58			
76.10. 4	3	32.887	23.76			
77. 9. 4	3	32.991	24.88			
77. 9. 7	3	32.901	24.13			
79. 9.25	3	32.822	24.51			
11020	9.5	2.5448	+0.0011	+10.668	+0.309	24°4048
77. 9.11	3	20 8 33.230	24 58 46.05			† Z.C. $\delta\,46''.0$
11021	9.4	2.5209	+0.0013	+10.669	+0.306	— —
76. 8.21	3	20 8 33.888	25 57 56.22			†
11022	9.0	2.5071	+0.0013	+10.671	+0.305	26°3836
72. 8.23	3	20 8 35.395	26 31 49.09			
74. 9.15	3	35.234	49.59			
76. 9.20	3	35.344	49.49			
76. 9.23	3	35.274	49.92			
78.10.11	3	35.170	50.76			
11023	9.5	2.5348	+0.0012	+10.676	+0.308	25°4159
73. 9. 8	3	20 8 39.420	25 24 18.50			
75. 9.16	3	39.321	17.71			

11024	$8^{\mathrm{m}}.9$	$2^{\mathrm{s}}.4874$	$+0^{\mathrm{s}}.0014$	$+10''.686$	$+0''.302$	27°3655
72 7.30	3	$20^{\mathrm{h}}\ 8^{\mathrm{m}}47^{\mathrm{s}}.744$	$27^{\circ}20'\ 6''.81$			
72. 8.12	3	47.729	8.73			
75. 9.20	3	47.624	9.07			
76. 8 14	3	47.718	8.26			
11025	9.5	2.5216	+0.0013	+10.697	+0.306	25°4160
73. 9.22	1	20 8 56.849	25 57 50 91			
75. 8.23	3	56.690	51.31			
82.10. 2	2	56.715	51.94			
11026	9.3	2.4158	+0.0016	+10.700	+0.294	30°3951
81 9.30	3	20 8 58.659	30 8 13.10			
85.10. 3	5	58.633	12.44			
86.10. 4	5	58.664	13.84			
11027	9.3	2.4177	+0.0016	+10.700	+0.294	30°3952
81.10. 5	3	20 8 59.515	30 3 57.32			
85. 9. 1	5	59.351	56.76			
86. 9.11	5	59.338	57.02			s.p. of 2
86. 9.13	5	59.237	57.89			s.p. of 2
88. 9.26	7	59.401	57.31			
11028	6.0	2.4632	+0.0015	+10.709	+0.299	28°3675
72. 7.19	3	20 9 6.318	28 19 2.47			
72. 8.14	3	6.617	1.56			
72. 8.15	3	6.255	0.56			
72. 8.17	1	6.260	0.75			
75. 9.25	1	6.524	1.52			
75.10. 6	3	6.427	2.73			
76. 9. 1	3	6.518	1.39			
11029	9.1	2.4200	+0.0016	+10.710	+0.294	29°3945
85. 9.26	5	20 9 6.685	29 59 2.07			
86. 9.10	5	6.745	4.26			
86. 9.29	5	6.821	4.02			
11030	9.2	2.4386	+0.0015	+10.710	+0.296	29°3946
73. 8.30	3	20 9 7.209	29 16 29.56			
76. 9.19	3	7.407	27.81			
76.10. 7	3	7.264	29.48			
11031	9.0	2.4431	+0.0015	+10.711	+0.297	29°3947
72. 9. 3	2	20 9 7.793	29 6 2.31			
74. 8.22	3	7.677	1.50			
75. 9.29	3	7.596	1.85			
78. 9.20	2	7.629	2.19			
83. 9.14	3	7.473	1.40			
11032	9.1	2.5047	+0.0014	+10.719	+0.304	26°3837
84. 9.12	5	20 9 14.756	26 40 9.13			
84. 9.17	7	14.796	9.47			
88. 9.21	5	14.830	12.37			
11033	7.0	2.4252	+0.0016	+10.720	+0.295	29°3948
73. 8.22	3	20 9 15.183	29 47 56.55			
75. 9.14	3	15.291	54.37			
78. 9.20	2	15.168	56.72			
11034	9.2	2.5464	+0.0011	+10.736	+0.309	24°4057
86. 8.30	5	20 9 28.232	24 58 17.42			
87. 9. 7	5	28.312	16.95			

11035 $8^{m}.3$ $2^{s}.4999$ $+0^{s}.0014$ $+10''.740$ $+0''.303$ 26°3838

73. 8.14	3	$20^{h}\ 9^{m}31^{s}.296$	26° 52′ 51″.27	
73. 9.16	3	31.453	51.38	
76. 8.11	3	31.295	50.65	

11036 8.8 2.5115 +0.0013 +10.742 +0.305 26°3840

74. 9. 9	3	20 9 32.775	26 24 48.38	
76. 9.21	3	32.833	47.45	− 1 int.
79. 9. 8	3	33.128	47.99	
79. 9.25	3	32.845	48.60	
79. 10. 1	3	32.990	48.67	
80. 9. 7	2	33.200	47.84	
90. 10. 10	7	32.948	47.76	

11037 8.9 2.5472 +0.0012 +10.742 +0.308 24°4060

75. 9.18	3	20 9 33.378	24 56 28.84	
76. 8.21	3	33.265	28 12	
76. 9.23	1	33.536	28.54	
78. 10. 3	3	33.527	28.53	ft.
78. 10.25	3	33.363	29.70	
81. 10. 1	1	33.271	28.91	
88. 9.27	5	33.290	28.82	

11038 8.7 2.4189 +0.0016 +10.744 +0.293 29°3949

76. 10. 7	3	20 9 35.089	30 3 28.58	
79. 9. 2	3	35.233	28.91	
79. 9.27	3	35.059	28.41	
80. 9. 8	2	35.008	28.37	

11039 9.4 2.5325 +0.0013 +10.755 +0.307 25°4162

81. 9.28	3	20 9 43.306	25 33 46.26	Z.C. δ 45″.4
88. 9.20	5	43.267	45.40	
88. 9.22	5	43.113	46.28	
92. 9.12	5	43.373	43.68	

11040 8.9 2.4337 +0.0016 +10.765 +0.295 29°3952

78. 9.20	2	20 9 51.350	29 30 45.59	Z.C. α $51^{s}.32$
79. 9. 2	2	51.375	43.12	
79. 10.16	3	51.264	41.64	
80. 9.13	3	51.283	44.53	

11041 8.9 2.4317 +0.0016 +10.766 +0.294 29°3953

79. 9. 8	2	20 9 52.140	29 35 26.82	Z.C. δ 26″.3
80. 10.23	3	52.261	25.07	
81. 9. 9	3	52.291	26.71	
81. 9.15	3	52.260	28.19	
82. 8.30	3	52.152	25.60	
83. 9.12	3	52.441	25.69	ft.
83. 9.18	3	52.160	25.87	

11042 9.1 2.5239 +0.0013 +10.766 +0.306 25°4163

75. 9.18	3	20 9 52.193	25 55 32.25	
79. 10 9	3	52.320	32.45	n. p. of 2
79. 10.10	3	52.288	32.31	
79. 10.15	3	52.350	31.25	
79. 10.25	3	52.281	31.69	
80. 9. 8	2	52.302	31.76	
80. 10.14	3	52.165	30.80	
84. 9.22	5	52.144	32.61	d. n. p.
84. 9.25	5	52.262	32.16	

11043 9.5 2.5241 +0.0013 +10.767 +0.306 — —

79. 10.10	2	10 9 53.057	25 55 9.53	†

11044 $9^{m}.2$ $2^{s}.4278$ $+0^{s}.0016$ $+10''.767$ $+0''.294$ 29°3954

81. 8.26	2	$20^{h}\ 9^{m}53^{s}.218$	29° 44′ 39″.82	Z.C. δ 40″.3
86. 9. 1	7	53.260	40.74	
90. 9.15	7	53.184	40.24	

11045 5.2 2.5413 +0.0012 +10.773 +0.308 25°4165

76. 9 20	3	20 9 58.029	25 12 40.26	
84. 9. 2	5	58.087	41.34	
84. 9.10	5	57.976	40.23	
84. 9.29	7	58.050	41.01	

11046 9.3 2.5140 +0.0013 +10.777 +0.305 26°3841

72. 8.27	2	20 10 1.322	26 20 36.37	Z.C. δ 35″.7
79. 9. 4	3	1.512	36.19	
81. 9.26	1	1.482	35.06	
82. 8.30	2	1.546	35.54	− 5′
83. 10. 6	3	1.303	35.17	

11047 9.3 2.4266 +0.0016 +10.779 +0.294 29°3955

73. 8.22	2	20 10 3.164	29 48 6.54	Z.C. δ 5″.9
79. 9.27	3	3.343	5.54	Z.C. Ep. 80. 5
81. 8.26	2	3.485	6.09	
81. 9.15	2	3.653	6.35	
82. 9.22	2	3.363	4.20	
83 9. 5	3	3.582	6.74	

11048 9.0 2.4929 +0.0014 +10.781 +0.302 27°3662

79. 9. 1	2	20 10 4.857	27 12 2.79	Z.C. δ 3″.1
81. 9.14	3	4.712	4.32	
81. 9.19	2	4.621	3.24	
82. 9.25	3	4.684	2.98	§
83. 8.28	2	4.670	3.05	
83. 9.19	3	4.447	2.38	
83. 9.25	3	4.785	2.70	

11049 9.4 2.4266 +0.0016 +10.784 +0.294 29°3957

73. 8.22	2	20 10 7.353	29 48 18.87	
82. 9.22	2	7.531	18.54	

11050 9.0 2.4943 +0.0014 +10.789 +0.302 27°3663

92. 8.30	4	20 10 11.017	27 9 10.14	
92. 9. 5	7	11.118	7.88	

11051 9.0 2.4933 +0.0014 +10.792 +0.302 27°3664

81. 9.14	2	20 10 13.378	27 11 34.22	Z.C. δ 33″.7
81. 9.19	2	13.495	33.87	
83. 9.25	2	13.582	32.41	
83. 9.26	3	13.545	34.37	

11052 9.4 2.4268 +0.0016 +10.792 +0.293 29°3958

81. 9.30	3	20 10 13.787	29 48 7.98	Z.C. δ 8″.0
92. 9 14	7	13.794	8.03	

11053 8.0 2.4312 +0.0016 +10.795 +0.294 29°3959

81. 9. 9	3	20 10 16.431	29 38 21.55	Z.C. δ 21″.3
85. 10. 7	5	16.565	20.85	
85 10. 8	2	16.537	21.45	+ 5′

11054 9.0 2.4511 +0.0016 +10.800 +0.296 28°3679

72 8.14	3	20 10 20.636	28 52 11.64	
72. 8.15	3	20.305	10.53	
72. 8.20	3	20.387	11.02	

11055 $9^{m}.2$ $2^{s}.4725$ $+0^{s}.0015$ $+10''.801$ $+0''.299$ 27°3665
72. 8.12 3 $20^{h}\,10^{m}\,21^{s}.251$ 28° 1′ 56″.50
92. 9.15 7 21.081 56.17

11056 9.3 2.5418 +0.0012 +10.802 +0.308 25°4168
78.10.25 3 20 10 21.552 25 12 55.85
92. 9.17 6 21.617 54.81

11057 9.0 2.5347 +0.0013 +10.802 +0.307 25°4169
83. 9. 3 4 20 10 22.202 25 30 31.71 Z.C.δ31″.0
83. 9.27 3 22.197 30.22

11058 9.0 2.5140 +0.0013 +10.809 +0.305 26°3843
72. 8.27 3 20 10 27.192 26 22 2.47
73. 8.14 3 27.130 1.73
79. 9. 4 3 27.387 2.21
85.10. 1 5 27.132 2.23
87. 9. 6 5 27.053 1.52

11059 8.5 2.5261 +0.0013 +10.810 +0.306 25°4170
75. 9.18 2 20 10 28.660 25 52 35.49 Z.C.δ35″.5
81.10. 5 3 28.727 36.18
83. 9. 3 1 28.784 35.43
83. 9.24 3 28.598 34.93

11060 8.9 2.4531 +0.0016 +10.812 +0.297 28°3680
74. 9.24 3 20 10 29.725 28 48 16.62
75.10. 6 2 29.808 16.09
79. 9. 1 2 30.010 15.41

11061 9.0 2.4665 +0.0015 +10.815 +0.298 28°3681
72. 7.19 3 20 10 32.359 28 16 56.18
72. 8.20 2 32.634 54.27
80. 9.13 3 32.616 57.25

11062 4.9 2.4879 +0.0014 +10.818 +0.301 27°3666
72. 7.30 3 20 10 35.323 27 25 52.69
88. 9.26 5 35.189 54.93

11063 9.5 2.5344 +0.0013 +10.823 +0.306 25°4171
80.10.14 3 20 10 38.987 25 32 20.66
92. 9.23 7 38.683 24.87 v. ft.

11064 9.2 2.4193 +0.0017 +10.832 +0.292 30°3968
85.10. 3 5 20 10 46.637 30 7 36.36 $+1^{m}$ †

11065 9.1 2.5071 +0.0014 +10.833 +0.303 26°3846
84. 9 18 5 20 10 47.255 26 40 11.71
84. 9.20 5 47.321 10.89

11066 9.2 2.4203 +0.0017 +10.840 +0.292 30°3970
88. 9.19 4 20 10 52.638 30 6 17.10 †

11067 9.2 2.5027 +0.0014 +10.847 +0.302 26°3847
82.10. 2 3 20 10 58.451 26 51 49.80
88. 9.27 5 58.560 49 35

11068 8.8 2.4575 +0.0016 +10.849 +0.297 28°3682
74. 9.24 3 20 10 59.796 28 39 53.23 Z.C.δ53″.4
79. 9. 1 2 59.740 53.18
83. 9.19 3 59.794 53.69

11069 $9^{m}.4$ $2^{s}.4457$ $+0^{s}.0016$ $+10''.852$ $+0''.296$ 29°3962
78. 9.20 2 $20^{h}\,11^{m}\,2^{s}.380$ 29° 7′ 53″.06 Z.C.δ53″.2
83. 9.14 3 2.158 53.34

11070 9.1 2.5159 +0.0013 +10.853 +0.304 26°3848
88. 9.21 5 20 11 3.760 26 19 45.18
90.10.13 7 3.737 44.40

11071 9.2 2.5488 +0.0012 +10.854 +0.308 24°4072
91. 9.28 7 20 11 4.307 24 58 0.90 †

11072 7.5 2.5214 +0.0013 +10.857 +0.305 26°3849
79. 9.27 2 20 11 7.006 26 6 22.76 Z.C.δ22″.6
83. 9. 4 3 6.940 22.99
83. 9.27 3 6.940 22.11

11073 8.0 2.5364 +0.0012 +10.862 +0.306 25°4173
75. 9.16 2 20 11 10.432 25 29 23.71 Z.C.δ22″.8
83. 9. 6 2 10.352 22.21
83.10. 3 3 10.386 22.57

11074 7.1 2.4901 +0.0014 +10.868 +0.301 27°3668
83. 9. 4 2 20 11 15.650 27 23 32.09 Z.C.δ31″.3
83. 9.26 3 15.793 31.44
84. 9.12 5 15.791 30.15
92. 8.30 4 15.738 31.60

11075 8.6 2.4396 +0.0016 +10.871 +0.294 29°3964
72. 9. 3 3 20 11 17.805 29 23 12.21 Z.C.δ11″.9
72. 9. 3 1 17.845 11.39
83. 9. 6 1 17.925 12.00

11076 8.1 2.4559 +0.0016 +10.872 +0.297 28°3684
83. 8.20 7 20 11 18.681 28 44 51.88 Z.C.δ51″.9
83. 9. 8 2 18.738 51.68
83. 9.18 4 18.655 52.24

11077 9.2 2.5444 +0.0012 +10.877 +0.307 25°4176
88. 9.22 5 20 11 22.973 25 10 13.31 †

11078 9.3 2.4358 +0.0017 +10.880 +0.294 29°3966
81. 9.15 2 20 11 25.126 29 32 24.46 Z.C.δ23″.6
81. 9.19 2 25.190 23.52
83. 8.25 4 25.156 22.76
83. 9.14 2 25.042 23.68

11079 9.0 2.4977 +0.0014 +10.885 +0.301 27°3671
80.10.14 3 20 11 29.725 27 5 49.02 Z.C.δ49″.9
81. 8.26 3 29.672 50.76

11080 7.5 2.4718 +0.0015 +10.886 +0.298 28°3685
72. 8.14 3 20 11 30.568 28 8 19.11 Z.C.δ18″.6
72. 8.15 3 30.376 17.94
72 8.17 3 30.262 18.71

11081 9.4 2.4217 +0.0017 +10.894 +0.292 30°3973
81. 9.30 3 20 11 36.639 30 5 39.22 † Z.C.δ39″.2

11082 7.9 2.5085 +0.0014 +10.896 +0.302 26°3850
81.10. 5 3 20 11 38.155 26 40 9.36
83 8.21 7 38.091 9.37
83. 9.12 3 38.104 8.03

11083 $8^m.6$ $2^s.5249$ $+0^s.0013$ $+10''.896$ $+0''.304$ 25°4178

78.10.25	3	$20^h 11^m 38^s.719$	25° 59′ 57″.65	Z.C. δ 57″.2
81.10. 1	3	38.905	57.84	
83.10. 3	3	38.846	56.24	

11084 9 0 2.5301 +0.0013 +10 907 +0.305 25°4180

72. 9.11	3	20 11 47.658	25 48 23.41	
80. 9.13	1	47.830	25.15	

11085 8.4 2.4294 +0.0017 +10.914 +0.293 29°3969

81. 9. 9	3	20 11 53.755	29 49 9.54	Z.C. δ 10″.5
81. 9.14	3	53.774	10.25	$+ 1^m$
83. 8.23	7	53.770	11.89	
83. 9. 8	3	53.804	9.84	
83. 9.17	3	53.717	10.57	
83. 9.24	3	53.696	10.83	

11086 8.2 2.4318 +0.0017 +10.915 +0.293 29°3968

79. 9.27	1	20 11 53.948	29 43 38.54	Z.C. δ 38″.2
80. 9. 8	2	53.896	36.83	
82. 8.30	3	53.940	38.42	
82.10. 2	3	53.778	38.27	
83. 9.17	1	53.928	38.52	
84. 9.17	3	53.963	38.45	

11087 9.4 2.4764 +0.0015 +10.915 +0.298 27°3673

80. 9. 7	3	20 11 54.385	27 58 45.02	†

11088 8.9 2.4484 +0.0016 +10.926 +0.295 29°3970

78. 9.20	2	20 12 2.975	29 5 31.31	Z.C. δ 30″.7
83. 9.15	3	2.985	30.05	

11089 8.9 2.4300 +0.0017 +10.926 +0 293 29°3971

81. 9.28	3	20 12 3.323	29 48 30.56	Z.C. δ 30″.3
82. 9.22	3	2.943	29.97	
83. 9.27	1	3.161	30.42	

11090 9.0 2.4321 +0.0017 +10.927 +0.293 29°3973

80. 9. 8	2	20 12 4.034	29 43 35.74	
84. 9.17	3	4.079	32.76	§
92. 9.16	7	4.078	34.98	

11091 Not found on revision 97.9.3: not found on Oxford photograph 98.9.28. The star observed was really 11090 (see above) and the erroneous catalogue place was due to the use of a wrong circle reading.

11092 8.7 2.5213 +0.0013 +10.928 +0.303 26°3852

72. 8.23	3	20 12 4.298	26 10 17.82	
79. 9. 4	2	4.438	16.32	
87. 9. 6	5	4.296	16.16	

11093 8.0 2.4629 +0.0016 +10.929 +0.296 28°3689

72. 7.19	3	20 12 5.107	28 31 45.76	
79. 9. 2	3	5.172	46.45	

11094 9.3 2.4274 +0.0017 +10.936 +0.292 29°3975

83. 9.19	2	20 12 10.717	29 55 4.29	Z.C. δ 3″.2
92. 9. 8	4	10.963	2.16	

11095 9.4 2.4509 +0.0016 +10.937 +0.295 28°3691

92. 9. 5	5	20 12 12.069	29 0 27.65	Z.C. α $11^s.96$
92. 9.14	5	11.856	26.74	

11096 $9^m.4$ $2^s.5247$ $+0^s.0013$ $+10''.937$ $+0''.304$ 25°4183

75. 9.16	2	$20^h 12^m 12^s.267$	26° 2′ 20″.54	Z.C. δ 20″.9
81. 9.26	2	12.132	21.33	

11097 9.0 2.4640 +0.0015 +10.942 +0.296 28°3692

74. 9.24	3	20 12 16.314	28 29 47.01	+ 5′
83. 8.25	4	16.285	46.80	
83. 9.18	3	16.380	45.88	Z.C. δ 46″.6
83. 9.26	1	16.462	46.89	

11098 9.4 2.4588 +0.0016 +10.944 +0.296 28°3693

81. 9.19	1	20 12 17.522	28 42 13.37	Z.C. δ 12″.8
83. 9. 5	3	17.869	11.91	
83 9.24	1	17.654	13.07	

11099 8.3 2.5262 +0.0013 +10.945 +0.304 25°4184

73. 9.25	2	20 12 18.880	25 59 10.74	
78.10.25	2	18.812	10.36	
84. 9.22	7	18.992	9.22	v. ft.

11100 9.4 2.4843 +0.0015 +10.949 +0.299 27°3675

85.10. 1	5	20 12 22.247	27 41 44.49	
85.10. 7	5	22.100	44.63	

11101 7.0 2.4576 +0.0016 +10.952 +0.295 28°3695

84. 9.10	5	20 12 24.156	28 45 35.17	
84. 9.20	3	24.229	36.21	
84. 9.25	5	24.314	36.82	

11102 9.0 2.4836 +0.0015 +10.952 +0.299 27°3676

72. 7.30	3	20 12 24.647	27 43 27.60	
72. 8.12	3	24.550	30.52	
79.10.25	1	24.564	27.34	
84. 9.11	5	24.386	29.20	

11103 9.1 2.4426 +0.0016 +10.953 +0.294 29°3976

81.10. 1	3	20 12 25.267	29 20 42.49	Z.C. δ 42″.3
84. 9.18	5	24.935	42.05	

11104 9.0 2.4736 +0.0015 +10.955 +0.297 28°3694

72. 8.14	3	20 12 26.661	28 7 48.62	
72. 8.15	3	26.498	47.90	
72. 8.17	3	26.354	48.39	
72. 8.20	2	26.407	48.85	+ 5′
81.10. 5	1	26.610	49.57	

11105 7.8 2.4274 +0.0017 +10.956 +0.292 29°3977

74. 8.29	1	20 12 27.914	29 56 6.64	Z.C. δ 7″.2
79. 9. 2	1	27.771	7.97	$+ 5^s$
83. 9.12	2	27.884	6.26	
84. 9. 2	5	27.805	7.55	
92. 8.30	5	27.764	7.59	

11106 9.0 2.5479 +0.0012 +10.973 +0.306 25°4186

75. 8.23	2	20 12 41.149	25 6 16.64	
78.10. 3	1	41.199	16.44	ft.
79. 9. 8	3	41.283	16.57	−30′
80. 9.29	2	41.275	17.79	-1^s
81. 9.30	2	41.275	17.65	Z.C. α $41^s.23$
90. 9.15	7	41.218	16.80	Z.C. δ 17″.0

11107 8.9 2.4995 +0.0014 +10.987 +0.300 27°3677

73. 9.23	2	20 12 52.450	27 7 2.46	
79. 9. 1	2	52.745	2.51	
82.10. 2	3	52.467	3.15	

11108	9^m.4	2^s.4975	+0^s.0014	+10″.987	+0″.300	27°3679
88. 9.21	5	20^{h}12^{m}52^s.877	27° 11′ 49″.34			†
11109	9.3	2.4795	+0.0015	+10.988	+0.297	27°3678
85.10. 3	5	20 12 53.388	27 55 20.63			
88. 9.26	5	53.409	22.16			
11110	8.5	2.5479	+0.0012	+10.991	+0.306	25°4188
72. 9.11	3	20 12 56.054	25 7 19.45			Z.C. δ 19″.7
80.10.14	3	56.028	19.19			
83. 9.18	1	55.905	20.48			
11111	9.1	2.5139	+0.0014	+10.991	+0.302	26°3856
79. 9. 4	2	20 12 56.181	26 32 8.01			Z.C. δ 7″.7
80.10.23	1	56.157	5.29			
81. 8.26	3	56.127	8.20			
81. 9.15	2	56.164	9 35			
11112	7.4	2.5447	+0.0012	+10.994	+0.305	25°4189
73. 9. 8	1	20 12 59.060	25 15 35.24			
73. 9.22	2	59.085	35.83			Z.C. δ 35″.0
79.10.16	3	58.997	34.41			
83. 9.15	2	58.837	34.45			
11113	9.2	2.4966	+0.0014	+10.997	+0.300	27°3680
85. 9.26	5	20 13 1.238	27 14 33.55			
88. 9.19	5	1.242	37.18			
11114	8.4	2.5455	+0.0012	+11.000	+0.305	25°4190
79.10. 9	3	20 13 3.185	25 13 49.51			
80. 9.13	3	3.159	48.64			
82. 8.30	3	3.313	47.11			
11115	8.7	2.4573	+0.0016	+11.003	+0.295	28°3698
74. 9.24	1	20 13 6.156	28 49 7.08			
92. 9.15	7	6.195	6.32			
11116	9.5	2.5141	+0.0014	+11.007	+0.302	26°3857
72. 8.27	2	20 13 9.525	26 32 19.89			†
11117	9.3	2.4955	+0.0014	+11.007	+0.300	27°3682
86. 9.15	5	20 13 9.701	27 17 46.18			
88. 9.22	4	9.653	49.17			
92. 9.12	3	9.718	47.49			
11118	9.1	2.4359	+0.0017	+11.018	+0.292	29°3983
86. 9.10	4	20 13 18.183	29 40 0.49			
86. 9.11	5	18 172	0.96			
86. 9.13	5	18.191	1.06			
11119	8.0	2 4280	+0.0017	+11.022	+0.291	29°3984
72. 9. 3	3	20 13 21.553	29 58 40.55			
72. 9. 5	3	21.681	40.96			
74. 9.28	3	21.680	40.04			
11120	9.0	2.4784	+0.0015	+11.026	+0.297	27°3683
72. 8.12	3	20 13 24.733	28 0 14.51			
74.10. 8	3	24.751	13.22			
75. 9. 3	2	24.753	13.05			
75. 9. 7	3	24.878	11.16			
76. 8.25	3	24.999	11.61			
76. 9.25	1	24.939	13.48			
77. 8.29	3	24.694	14.07			
78. 9.10	3	24.793	13.19			
11121	9^m.1	2^s.4992	+0^s.0014	+11″.026	+0″.300	27°3684
73. 9.23	1	20^{h}13^{m}25^s.187	27° 9′ 51″.83			Z.C. δ 50″.9
81. 9.28	3	25 216	50.51			
86.10. 4	5	25 110	50 36			
11122	7.0	2.5133	+0.0014	+11.040	+0.301	26°3859
72. 8.23	3	20 13 36.370	26 36 7.78			
74. 9.15	3	36.429	6.84			
76. 9.20	3	36.364	6.51			
76. 9.21	3	36.365	5.35			
77. 9. 7	3	36 559	6.34			
11123	9.3	2.5244	+0.0013	+11.046	+0.303	26°3860
80.10. 1	3	20 13 41.702	26 8 56.30			†
11124	9.5	2.4571	+0.0016	+11.053	+0.294	28°3700
72. 7.19	3	20 13 47.491	28 52 28.64			
72. 8.15	3	47.447	26.09			
11125	9.3	2.4577	+0.0016	+11.054	+0.294	28°3702
72. 8.17	3	20 13 47.841	28 51 5.66			Z.C. δ 6″.8
75. 9.25	3	47.968	7.59			
81.10. 1	2	48.047	7.06			
11126	8.2	2.5350	+0.0013	+11.056	+0.304	25°4193
73. 9.25	3	20 13 49.695	25 43 3.79			
75. 9. 6	3	49.725	3.32			
75. 9. 9	3	49.796	4.27			
75. 9.16	3	49.603	3.81			
75.10.11	2	49.750	4.06			
76.10. 4	3	49.598	3.33			
77. 9.11	3	49.631	2.87			
11127	9.4	2.4264	+0.0017	+11.056	+0.290	30°3981
81.10.17	3	20 13 50.320	30 4 24.67			
85. 9.15	5	49.908	24.74			
86. 8.30	5	50.052	24.74			
11128	9.2	2.4243	+0.0017	+11.059	+0.290	30°3982
84.10.22	5	20 13 52.119	30 9 33.29			
85.10.16	5	52.189	33.02			
90.10.13	7	52.102	32.31			
11129	9.0	2.5403	+0.0013	+11.062	+0.304	25°4194
74.10.21	3	20 13 54.331	25 30 13.43			
76. 8.21	3	54.380	14.27			W. 5 + 10^s
77. 8.21	3	54.368	14.67			
78.10. 3	1	54.456	12.99			ft.
79. 9. 8	3	54.518	14.35			
79. 9.25	3	54.386	14.88			
80. 9. 7	3	54 525	14.73			
11130	9.1	2.4832	+0.0016	+11.067	+0.297	27°3685
72. 7.30	3	20 13 58.447	27 50 51.86			
72. 9.20	3	58.194	53.82			
75. 9.20	3	58.148	54.75			−1^s
11131	9.4	2.4579	+0.0016	+11.068	+0.294	28°3703
72. 8.14	3	20 13 59.679	28 51 29.49			
82.10. 2	2	59.607	28.94			

11132 9^m.3 2^s.5252 +0^s.0014 +11″.069 +0″.303 26°3861

75. 9.17	2	20^h 14^m 0^s.471	26° 8′ 18″.36	Z.C. δ 17″.6
79.10.15	3	0.549	16.31	− 5′
80. 9. 8	2	0.688	17.80	
81. 9.19	2	0.446	17.77	

11133 7.3. 2.4516 +0.0016 +11.073 +0.294 29°3989

73. 9.20	3	20 14 3.907	29 6 29.44	
73. 9.26	2	3.786	28.15	
75. 9.14	3	3.967	29.44	
75. 9.29	3	3.808	30.51	
76. 8.29	3	3.854	29.51	
76. 9.19	3	3.914	28.68	

11134 9.3 2.5247 +0.0014 +11.075 +0.303 — —

75. 9.17	2	20 14 4.901	26 9 45.38	
79. 9.15	3	4.861	46.05	

11135 8.8 2.5005 +0 0015 +11.079 +0.300 27°3686

73. 9. 4	3	20 14 8.738	27 9 46.66	Z.C. δ 45″.2
77. 8.16	3	8.976	45.48	
81.10.15	3	9.008	44.11	
91. 8.12	6	8.768	44.52	

11136 9.3 2.4881 +0.0016 +11.083 +0.298 27°3688

85. 9. 4	5	20 14 11.550	27 39 59.30	
85.10. 7	5	11.526	58.35	

11137 8.9 2.4230 +0.0017 +11.086 +0.290 30°3984

74. 8.29	3	20 14 14.585	30 13 54.68	
74. 9.28	3	14.553	55.26	
78. 9.12	3	14.510	56.57	

11138 9.4 2.5171 +0.0014 +11.088 +0.301 26°3863

76. 9.20	1	20 14 15.908	26 29 15.45	
76. 9.23	3	15.907	15.67	
78. 9.26	3	15.869	15.73	
78.10.11	3	15.913	16.97	
79. 9.27	3	15.975	15.93	
79.10. 9	3	15.809	17.24	
79.10.10	3	15.788	15.72	
80. 9.29	3	15.846	14.68	

11139 9.0 2.4407 +0.0017 +11.088 +0.292 29°3990

74 9 4	3	20 14 16.376	29 32 54.31	
75. 9. 1	3	16.248	54.69	− 1 int.

11140 8.3 2.5039 +0.0015 +11.094 +0.300 26°3864

84. 9 2	5	20 14 21.263	27 2 1.36	
84. 9.10	7	21.114	1.65	
84. 9.11	7	21.233	4.09	
92. 9.15	2	21.295	1.92	

11141 9.2 2.4949 +0.0015 +11.098 +0.299 27°3691

81.10. 8	3	20 14 24.024	27 24 22.39	
85.10. 1	5	23.887	23.73	
88. 9.20	7	23.867	24.06	

11142 9.2 2.4677 +0.0016 +11.100 +0.295 28°3704

84. 9.18	5	20 14 25.658	28 30 3.09	
84. 9.20	5	25.922	2.97	+ 1^m
84. 9.25	5	25.965	3.96	

11143 9^m.1 2^s.4761 +0^s.0016 +11″.101 +0″.296 28°3705

81. 9 26	3	20^h 14^m 26^s.746	28° 9′ 54″.69	Z.C. δ 55″.3
86. 9.17	5	26.537	54.68	
87.10.15	7	26.931	56.66	

11144 8.7 2.4962 +0.0015 +11.102 +0.299 27°3692

75. 9.20	3	20 14 27.140	27 21 31.75	
92. 9.14	7	27.019	30.48	

11145 9.1 2.4412 +0.0017 +11.103 +0.292 29°3991

74. 9. 4	3	20 14 27.975	29 32 34.74	
75. 8.26	3	27.962	34.84	
81.10. 5	3	28.060	34.44	

11146 9.3 2.4990 +0.0015 +11.104 +0.299 27°3693

73. 9. 4	3	20 14 29.395	27 14 46.17	
78. 9.10	2	29.511	45.81	
78. 9.18	3	29.464	46.45	
90.10.10	7	29.461	46.53	

11147 9.4 2.4595 +0.0016 +11.105 +0.294 28°3706

72. 8.20	3	20 14 29.692	28 49 46.29	Z.C. δ 47″.7
81. 9.30	3	29.783	48.43	
85. 9.21	5	29.468	47.96	
86. 9.22	7	29.797	47.95	

11148 8.7 2.4249 +0.0018 +11.112 +0.290 30°3987

72. 9. 5	3	20 14 35.977	30 11 12.61	
73. 9 20	2	36.062	13.12	
78. 9. 3	3	35.913	12.63	

11149 6.9 2.4471 +0.0017 +11.122 +0.292 29°3992

72. 8.28	2	20 14 43.898	29 20 4.22	
72. 9. 3	3	43.894	4.76	
79. 9. 2	3	43.865	3.58	
86. 9.29	5	43.799	4.42	

11150 9.1 2.5162 +0.0015 +11.123 +0.300 26°3866

72. 8.23	3	20 14 44.646	26 33 22.19	
76. 8.11	3	44.597	22.37	
77. 9. 4	3	44.619	22.11	
77. 9. 7	3	44.628	21.83	
80. 9. 7	3	44.767	22.77	
87. 9.22	7	44.580	22.03	

11151 9.4 2.4287 +0.0018 +11.123 +0.290 29°3993

84.10.24	5	20 14 44.901	30 2 51.80	+ 1 int.
86. 9.30	5	44.844	53.03	Z.C. δ 52″.4
92. 9.10	4	44.966	52.29	w. 2 + 1^s

11152 9.2 2.5086 +0.0015 +11.128 +0.300 26°3867

85. 9.24	5	20 14 48.588	26 52 30.72	
85. 9.26	5	48.387	29.10	
86.10. 2	5	48.579	29.90	

11153 9.3 2.4961 +0.0015 +11.141 +0.298 27°3694

73. 9.23	2	20 14 59.206	27 23 47.49	
75. 9. 3	3	59.468	48.55	− 1^m
75. 9.20	1	59.165	49.00	
78. 9.16	3	59.428	48.74	
88. 9.21	7	59.345	50.07	

11154 9^{m}0		2^{s}4292 +0^{s}0018	+11″143 +0″290	29°3994
74. 9.28	2	20^{h}15^m 1^{s}072	30° 2′ 50″29	
76. 8.29	2	1.167	50.24	
79. 9. 2	2	1.299	50.49	
86. 9. 7	5	1.207	49.66	
92. 9. 5	7	1.121	49.90	
11155 9.2		2.5137 +0.0015	+11.148 +0.300	26°3869
81. 9.28	3	20 15 5.329	26 41 5.77	Z.C. δ5″0
84. 9.12	5	5.278	5.05	
84. 9.17	5	5.285	4.27	
11156 8.9		2.5361 +0.0014	+11.152 +0.303	25°4198
72. 9.11	3	20 15 8.792	25 45 26.50	
72. 9.12	3	8.771	26.90	
75. 8.23	3	8.782	27.18	
75. 9. 6	3	8.842	27.05	
75. 9.18	3	8.676	26.89	
78. 9.13	3	8.791	27.53	
88.10. 5	7	8.832	26.25	
11157 9.5		2.5191 +0.0014	+11.152 +0.301	26°3870
76. 9 21	3	20 15 8.971	26 27 51.97	
90.10. 9	7	9.031	50.18	
11158 9.3		2.5490 +0.0012	+11.153 +0.304	25°4197
73. 9. 8	3	20 15 9.531	25 12 57.52	
73. 9.25	2	9.352	58.18	
74.10.21	3	9.396	56.70	
85.10. 3	5	9.610	58.37	
86.10.19	7	9.653	57.69	
11159 9.0		2.4893 +0.0016	+11.154 +0.297	27°3697
76. 8.25	3	20 15 10.152	27 41 15.27	
76. 9.25	3	10.182	16.60	
78.10.14	3	10.122	16.07	
87. 9. 6	5	10.050	18.14	
88. 9.26	7	10.074	17.80	
11160 9.3		2.4953 +0.0015	+11.154 +0.298	27°3696
72. 8.12	3	20 15 10.290	27 26 34.28	
72. 9.20	3	10.320	33.64	
74.10. 8	3	10.136	34.96	
75. 9. 7	3	10.372	33 58	
88. 9.19	5	10.247	35.52	
11161 9.5		2.5489 +0.0012	+11.156 +0.304	25°4199
73. 9.25	1	20 15 11.801	25 13 21.62	
86. 9. 8	5	11.725	20.19	
11162 8.6		2.5222 +0.0014	+11.159 +0.301	26°3871
72. 8.27	3	20 15 14.301	26 20 32.56	
72. 8.30	3	14.490	31.25	
74. 9.15	3	14.558	30.59	
86. 9.15	5	14.547	30.21	
88.10.15	5	14.487	30.61	
11163 9.3		2.5506 +0.0012	+11.162 +0.304	25°4200
90. 9.16	7	20 15 16.755	25 9 23.78	†
11164 8.5		2.4446 +0.0017	+11.162 +0 291	29°3995
76. 9.19	2	20 15 16.873	29 28 18.98	
76.10. 7	2	16.777	20.13	
77. 8.28	2	16 091	19.97	
78 9.20	3	16.796	20 79	
86.10. 4	5	16 719	20.05	
11165 9^{m}0		2^{s}4678 +0^{s}0017	+11″170 +0″294	28°3710
72. 8.15	3	20^{h}15^{m}23^{s}585	28° 33′ 48″38	Z.C. α23^{s}65
73. 9.11	3	23.591	48.66	
75. 8.18	3	23.638	49.50	+ 15′
75. 9.25	3	23.817	48.85	
76. 9. 1	3	23.632	49.00	
76.10.11	3	23.621	48.40	
11166 9.3		2.4721 +0.0016	+11.171 +0.295	28°3709
81. 9.26	3	20 15 24.297	28 23 29.68	Z.C. δ28″5
85.10.29	5	24.327	28.01	§
86. 9.11	7	24.109	27.38	
11167 8.4		2.4421 +0.0018	+11.172 +0.291	29°3997
73. 9.26	3	20 15 25.204	29 34 44.80	
75.10. 7	2	25.354	45.68	
78. 9. 3	1	25.175	44.96	
88. 9.22	5	25.146	46.93	
88. 9.27	5	25.224	46.60	
11168 8.2		2.4977 +0.0015	+11.178 +0.297	27°3699
72. 7.30	3	20 15 29.961	27 22 0.46	Z.C. δ1″9
75. 9. 3	2	29.995	1.98	
77. 8.16	3	29.979	1.60	
77. 8.29	3	30.007	2.33	+ 10^s
79. 9. 8	3	29.754	1.41	
79. 9.15	3	29.996	2.04	
79. 9.22	3	30.058	1.82	ft.
79. 9.25	3	29.879	2.12	
79. 9.27	3	29.974	3.00	
79.10. 9	3	29.884	1.81	
79.10.10	3	29.892	1.93	
79.10.15	3	29.964	1.86	w. 4 − 10^s
79.10.20	3	30.043	2.29	
79.10.25	3	29.758	2.06	
80. 9. 3	3	29.900	2.74	
80.10. 1	3	29.976	2.01	− 1^s
80.10.23	3	29.776	0.20	
11169 9.2		2.5346 +0.0014	+11.180 +0.302	25°4202
81 10. 1	3	20 15 32.178	25 50 51.20	
81.10. 8	2	32.173	51.52	
86. 9. 1	5	32.040	52.09	
11170 9.3		2.5367 +0.0014	+11.184 +0.302	25°4204
72. 9.12	3	20 15 34.800	25 45 45.06	
74. 9.14	3	34.866	47.17	
75. 8.23	2	34.950	45.33	
75. 9. 6	3	34.879	45.44	
75. 9 18	3	34.812	45.88	
78. 9.13	2	34.754	45.93	
11171 9.0		2.4790 +0.0016	+11.186 +0 295	28°3712
72. 7.19	3	20 15 36.362	28 7 42.73	
72 8.14	3	36.782	42.75	
72. 8.17	3	36.324	42.72	
75.10. 6	3	36.332	42.76	
11172 8.4		2.5067 +0.0015	+11.197 +0.298	26°3874
75. 9.17	2	20 15 46.055	27 1 2.30	
76. 8.11	3	46.030	2.18	
76. 9.21	3	46.049	2.17	
76 9.23	3	45.937	3.28	
78. 9.26	2	46.066	2.87	− 1^m
78.10 11	3	46 087	3.71	
80. 9 13	2	46.124	4.21	
80.10.23	3	45.982	2.11	
81. 9.15	3	46.126	4.84	

11173 $9^{m}.3$ $2^{s}.5040$ $+0^{s}.0015$ $+11''.199$ $+0''.298$ $27^{\circ}3700$

81.10.17	2	$20^{h}15^{m}47^{s}.361$	$27^{\circ}\ 7'\ 48''.72$	
85.10.16	5	47.257	49.10	
88. 9.13	5	47.104	49.67	
92. 9. 8	7	47.545	46.91	

11174 9.0 2.5495 +0.0013 +11.199 +0.303 $25^{\circ}4205$

73. 9.22	3	20 15 47.609	25 14 8.65	
76. 8.21	3	47.621	8.10	

11175 9.3 2.4767 +0.0016 +11.206 +0.294 $28^{\circ}3713$

81. 9.30	3	20 15 53.147	28 14 31.65	
81.10. 5	2	53.130	30.61	
84.10.22	5	53.067	30.54	
84.10.23	6	53.171	30.68	
90. 9.15	7	53.033	31.05	-5^{m} §

11176 8.6 2.5053 +0.0015 +11.207 +0.298 $27^{\circ}3701$

78 10.14	2	20 15 54.181	27 5 4.27	Z.C. $\delta\ 4''.5$
86.10. 6	5	54.194	4.74	

11177 8.2 2.5044 +0.0015 +11.211 +0.298 $27^{\circ}3703$

73. 9. 4	3	20 15 57.639	27 7 17.49	
78. 9.18	3	57.469	17.36	
78.10.14	1	57.764	18.71	
81.10.15	3	57.569	16.35	

11178 9.5 2.4549 +0.0017 +11.211 +0.292 $29^{\circ}3999$

90.10. 1	7	20 15 57.821	29 6 52.44	†

11179 8.5 2.4901 +0.0016 +11.220 +0.296 $27^{\circ}3704$

74.10. 8	3	20 16 4.582	27 42 59.44	
76. 8.25	3	4.558	57.28	
76. 9.25	2	4.604	58.95	
78. 9.10	3	4.583	57.96	
88.10. 3	7	4.619	57.27	

11180 9.5 2.5557 +0.0013 +11.222 +0.304 $24^{\circ}4099$

85. 9. 4	5	20 16 6.390	24 59 38.90	
85. 9.15	5	6.287	38.53	p. of 2

11181 8.0 2.4377 +0.0018 +11.232 +0.290 $29^{\circ}4001$

72. 9. 3	3	20 16 14.992	29 48 30.80	
72. 9. 5	3	15.148	30.23	§
72.10.28	2	15.079	28.94	
75. 8.26	3	15.022	29.80	
75. 9.29	3	15.010	30.21	

11182 8.7 2.4275 +0.0018 +11.234 +0.288 $30^{\circ}3994$

75. 9. 1	3	20 16 16.002	30 12 15.19	± 5′
92. 9.17	7	16.155	15.15	Z.C. $\alpha\ 16^{s}.08$

11183 9.4 2.4402 +0.0018 +11.238 +0.290 $29^{\circ}4002$

73. 9.20	3	20 16 19.808	29 42 59.80	
92. 9.24	7	19.932	59.22	

11184 8.9 2.4338 +0.0018 +11.240 +0.289 $29^{\circ}4003$

74. 8.29	3	20 16 21.378	29 57 58.82	
74. 9.28	1	21.179	60.02	
75. 9.14	3	21.432	59.85	
75.10. 7	3	21.425	59.76	

11185 $8^{m}.5$ $2^{s}.4895$ $+0^{s}.0016$ $+11''.241$ $+0''.296$ $27^{\circ}3705$

72. 9.20	3	$20^{h}16^{m}21^{s}.929$	$27^{\circ}45'\ 37''.00$	
73. 9.23	3	22.020	37.23	
76. 8.25	1	22.070	36.78	

11186 9.0 2.5263 +0.0014 +11.242 +0.300 $26^{\circ}3875$

72. 8.23	3	20 16 23.281	26 15 4.43	
72. 8.27	3	22.972	4.48	
74. 9. 9	3	23.212	3.16	

11187 9.5 2.4312 +0.0018 +11.243 +0.289 $30^{\circ}3997$

81.10. 1	2	20 16 23.813	30 4 20.86	Z.C. $\delta\ 19''.8$
84. 9.18	5	23.603	19.76	
84. 9.20	5	23 629	18.81	

11188 8.8 2.5477 +0.0013 +11.244 +0.303 $25^{\circ}4208$

72. 9.11	3	20 16 24.378	25 21 14.94	
75. 9. 9	3	24.395	16.02	
75 9.16	3	24.298	14.90	
75. 9.18	2	24.366	15.29	

11189 7.4 2.4282 +0.0018 +11.245 +0.288 $30^{\circ}3998$

73. 9.26	2	20 16 25.808	30 11 32.84	
74. 9. 4	3	25.781	33.67	
75. 9. 1	2	25.882	34.41	
76. 8.29	2	25.813	33.86	

11190 8.5 2.4841 +0.0016 +11.247 +0.295 $27^{\circ}3706$

72. 8.12	3	20 16 27.275	27 58 60.54	
75. 9.20	2	27.241	59.73	
78. 9.16	3	27.014	59.86	
86. 9.29	5	27.150	59.33	

11191 9.5 2.5254 +0.0014 +11.251 +0.300 $26^{\circ}3876$

85.10. 1	5	20 16 30.214	26 17 43.42	
85.10. 7	5	30.480	43.34	
86 9.17	4	30.214	43.11	

11192 9.4 2.4975 +0.0015 +11.255 +0.297 $27^{\circ}3707$

72. 8.31	3	20 16 33.499	27 26 57.41	†

11193 9.1 2.5485 +0.0013 +11.257 +0.302 $25^{\circ}4209$

75. 9. 9	3	20 16 35.260	25 20 11.10	Z.C. $\delta\ 10''.8$
81.10. 8	1	35.324	8.78	
85. 9.21	5	35.173	12.05	
85. 9.22	5	35.159	11.38	

11194 9.1 2.4571 +0.0017 +11.267 +0.291 $29^{\circ}4005$

84. 9 25	5	20 16 44.002	29 5 6.02	
84.10 4	5	43 987	4.81	
85. 9 24	5	43.832	6.69	

11195 8.7 2.4672 +0.0017 +11.272 +0 292 $28^{\circ}3715$

72. 8.20	3	20 16 48.040	28 41 10.00	
73. 9. 1	3	47.881	11.78	
74.10.12	3	48.072	12.02	
84. 8.19	4	48.179	12.81	

11196 9.0 2.4701 +0.0017 +11.276 +0.293 $28^{\circ}3716$

72. 8.17	2	20 16 51.343	28 34 29.36	
73. 9.11	3	51.451	28.90	
76. 9. 1	3	51.425	29.90	
78. 9.19	3	51.314	28.88	

11197 $8^{m}.1$ $2^{s}.5345$ $+0^{s}.0014$ $+11''.277$ $+0''.300$ $25^{\circ}4212$

74.10.21	3	$20^{h}16^{m}52^{s}.237$	$25^{\circ}56'22''.99$	
92. 9.23	7	52.230	24.61	

11198 9.3 2.5182 +0.0015 +11.279 +0.299 $26^{\circ}3878$

80. 9. 7	3	20 16 53.259	26 37 14.69	†

11199 9.0 2.5040 +0.0015 +11.281 +0.297 $27^{\circ}3708$

72. 7.30	3	20 16 55.690	27 12 25.43	
73. 9. 4	3	55.606	27.79	
77. 8.29	3	55.549	26.20	
78. 9.18	3	55.497	26.48	
86. 9.30	5	55.606	28.09	

11200 8.2 2.4736 +0.0016 +11.285 +0.293 $28^{\circ}3717$

72. 8.14	3	20 16 58.602	28 26 32.66	
74. 9.22	3	58.274	33.13	
75. 9.25	3	58.414	32.16	
76.10.11	3	58.169	31.83	
77. 8.31	3	58.328	32.93	
79. 9.15	3	58.374	32.57	
79.10. 4	3	58.380	31.96	
79.10.10	3	58.222	32.64	
79.10.15	3	58.377	31.67	
86.10. 2	5	58.351	34.04	

11201 9.4 2.4738 +0.0016 +11.288 +0.293 $28^{\circ}3718$

74. 9.22	2	20 17 1.575	28 26 14.96	
76.10.11	3	1.499	15.63	
79.10. 9	3	1.435	16.41	
88. 9.20	7	1.595	16.70	

11202 9.5 2.4714 +0.0017 +11.295 +0.293 — —

74. 9.24	3	20 17 6.787	28 32 26.79	† v. ft.

11203 9.4 2.5391 +0.0014 +11.295 +0.301 $25^{\circ}4213$

72. 9.12	3	20 17 6.840	25 45 48.04	†

11204 9.2 2.4377 +0.0018 +11.295 +0.289 $29^{\circ}4009$

81.10.15	3	20 17 7.253	29 52 21.62	
81.10.17	3	7.064	22.19	
84. 9.12	4	6.819	22.18	

11205 9.2 2.4881 +0.0016 +11.297 +0.295 $27^{\circ}3709$

75. 9. 3	3	20 17 8.807	27 52 15.41	
80. 9. 3	3	8.810	15.32	
80. 9. 3	2	8.710	15.98	

11206 8.8 2.4585 +0.0017 +11.298 +0.291 $29^{\circ}4010$

74. 8.29	3	20 17 8.873	29 3 35.00	
75. 8.26	3	9.051	35.83	
75. 9.29	3	9.121	36.60	
88. 9.27	5	9.227	36.24	

11207 Not found on revision: not found on Oxford photograph 94.9.29: 1 int. wrong; see appendix 11198^{a}

11208 8.1 2.4678 +0.0017 +11.301 +0.292 $28^{\circ}3719$

72. 8.20	3	20 17 11.731	28 41 26.56	
92. 9.16	7	11.651	28.01	

11209 9.2 2.5447 +0.0014 +11.301 +0.301 $25^{\circ}4214$

81.10.19	3	20 17 12.431	25 31 50.98	
84. 9.17	5	12.160	51.42	
85.10. 3	5	12.258	52.84	

11210 $8^{m}.2$ $2^{s}.4420$ $+0^{s}.0018$ $+11''.304$ $+0''.290$ $29^{\circ}4011$

72. 9. 3	2	$20^{h}17^{m}14^{s}.860$	$29^{\circ}42'55''.97$	Z.C. δ $55''.4$
72. 9. 5	2	14.717	54.65	§
73. 9.20	3	14.647	55.10	
75. 9.14	3	14.713	54.82	
75.10. 7	1	14.814	54.60	
88. 9.22	5	14.534	56.26	

11211 9.3 2.4738 +0 0016 +11.304 +0.293 $28^{\circ}3720$

73. 9. 1	3	20 17 14.842	28 27 22.68	
74. 9.24	2	14.698	21.92	
79. 9.15	3	14.983	22.70	
79.10.16	3	14.824	23.85	
80. 9.29	3	14.770	21.82	
80.10.23	2	14.916	19.61	

11212 7.3 2.5360 +0.0014 +11.305 +0.300 $25^{\circ}4215$

72. 9.11	3	20 17 15.463	25 53 57.47	Z.C. δ $57''.7$
74.10.21	3	15.395	58.23	
75. 8.23	3	15.509	57.14	
75. 9. 6	3	15.547	57.51	
88. 9.19	5	15.406	57.94	$+1^{m}$

11213 9.3 2.4891 +0.0016 +11.307 +0.295 $27^{\circ}3710$

74.10. 8	2	20 17 17.156	27 50 28.28	Z.C. δ $28''.1$
75. 9. 7	2	17.270	27.56	
76. 9.25	2	17.264	27.47	
76. 9.29	3	17.342	27.58	
77. 8.16	2	17.191	28.40	
78. 9.10	3	17.063	28.81	
86. 9. 7	5	17.226	28.32	

11214 9.4 2.5570 +0.0013 +11.310 +0.303 $24^{\circ}4106$

81. 9.26	3	20 17 19.287	25 1 2.68	†
85.10.29	4	19.353	0.19	§

11215 9.4 2.4725 +0.0017 +11.313 +0.293 — —

75.10. 6	3	20 17 21.734	28 30 49.09	
79. 9.25	3	21.716	47.43	
79.10. 1	2	21.694	48.39	

11216 8.0 2.4892 +0.0016 +11.318 +0.295 $27^{\circ}3711$

73. 9.23	2	20 17 26.383	27 50 48.50	
74.10. 8	2	26.305	47.91	
75. 9. 7	3	26.330	46.63	

11217 9.1 2.4802 +0.0016 +11.322 +0.294 $28^{\circ}3722$

74.10.12	3	20 17 29.641	28 12 51.87	
79. 9. 2	2	29.778	52.43	
81. 9.28	3	29.687	52.08	
81. 9.30	3	29.789	53.50	
85. 9.26	5	29.579	50.79	
86. 9.15	5	29.605	50.73	

11218 9.0 2.5151 +0.0015 +11.327 +0.298 $26^{\circ}3882$

72. 9.18	3	20 17 33.150	26 47 32.35	
74. 9.15	3	33.156	33.11	
76. 9.20	3	33.185	34.15	
76. 9.21	3	33.056	32.60	
77. 9. 7	3	33.113	33.44	
78.10.25	3	33.098	34.02	
86.10. 4	5	33.125	32.84	
88.10.15	5	33.160	33.05	

11219 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.5163$ $+0^{\mathrm{s}}.0015$ $+11''.327$ $+0''.298$ — —

72. 8.23	2	$20^{\mathrm{h}}17^{\mathrm{m}}33^{\mathrm{s}}.408$	26° 44′ 36″.13	
93.10.31	7	33.055	37.57	

11220 9.0 2.5161 +0.0015 +11.328 +0.298 26°3883

72. 8.23	2	20 17 33.878	26 45 10.16	
72. 9.18	2	34.042	8.23	
76. 9.20	2	34.013	9.46	
78.10.25	2	33.853	11.13	

11221 9.1 2.5078 +0.0016 +11.328 +0.297 27°3712

78. 9.18	3	20 17 34.027	27 5 35.23	
78.10.11	3	34.142	35.71	
78.10.14	2	34.289	36.29	
79. 9. 8	2	34.109	34.36	
79. 9.27	3	34.375	34.96	
79.10.25	2	34.128	34.54	
80. 9.13	3	34.278	36.81	
81. 9.15	3	34 427	36.22	

11222 8.7 2.5167 +0.0015 +11.330 +0.298 26°3884

72. 8.30	3	20 17 36.246	26 43 48.31	
74. 9. 9	3	36.423	47.72	§
75. 9 17	3	36.382	47.58	[reading
93.10 18	5	36.472	48.12	no comb

11223 9.0 2.4799 +0.0017 +11.332 +0.293 28°3724

74.10.12	1	20 17 37.322	28 14 13.64	
79. 9. 2	3	37.240	12.69	
86. 9.22	5	37.484	13.09	

11224 9.0 2.4613 +0.0017 +11.334 +0.291 28°3725

76. 9. 1	3	20 17 39.337	28 59 4.61	
92. 9.15	6	39.329	6.73	

11225 9.4 2.4775 +0.0017 +11.339 +0.293 28°3726

86. 8.30	5	20 17 43.753	28 20 33.69	
86. 9. 1	5	43.875	33.44	$+1^{\mathrm{s}}$
88. 9.26	7	43.773	33.47	
92. 9. 5	7	43.791	31.01	
92. 9.12	4	44.076	34.73	

11226 9.5 2.5109 +0.0015 +11.340 +0.297 26°3885

76. 8.11	3	20 17 44.343	26 58 42.96	†

11227 9.2 2.5419 +0.0014 +11.343 +0.301 25°4217

73. 9. 8	3	20 17 46.968	25 41 31.84	
74. 9.14	3	46.910	31.87	
75. 9.16	3	46.944	31.55	

11228 9.2 2.5567 +0.0013 +11.349 +0.302 25°4218

85.10.16	5	20 17 51.536	25 3 57.63	
86. 9.10	5	51.672	58.36	
90. 9.19	7	51.665	57.84	

11229 9.5 2.5011 +0.0016 +11.350 +0.296 27°3713

72. 8.12	3	20 17 52.394	27 23 31.80	Z.C. δ 31″.8
72. 9.20	3	52.253	32.06	
77. 8.29	1	52.394	31.62	

11230 9.0 2.4578 +0.0017 +11.352 +0.291 29°4014

72. 8.28	2	20 17 54.348	29 8 28.72	
72. 9. 3	1	54.665	29.81	
73. 9.26	3	54.258	28.59	
76. 9.19	3	54.258	28.45	
86.10.19	5	54.325	27.54	

11231 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.5450$ $+0^{\mathrm{s}}.0014$ $+11''.355$ $+0''.301$ 25°4220

84.10.22	5	$20^{\mathrm{h}}17^{\mathrm{m}}56^{\mathrm{s}}.883$	25° 34′ 5″.88	Z.C. δ 5″.0
84.10.23	5	57.106	4.57	
84.10.24	4	57.039	4.63	+ 1 int.

11232 9.3 2.5594 +0.0013 +11.367 +0.302 24°4110

85. 9. 4	7	20 18 7.091	24 58 17.33	
85. 9.15	5	7.074	17.54	

11233 8.3 2.4767 +0.0017 +11.370 +0.293 28°3729

73. 9 11	2	20 18 9.697	28 24 6.74	
74. 9.22	3	9.413	6.34	
75. 8.18	3	9.371	7.70	
75. 9.25	2	9.377	7.43	

11234 9.3 2.4543 +0.0017 +11.372 +0.290 29°4018

86. 9.11	7	20 18 11.181	29 18 6.06	†

11235 9.0 2.5483 +0.0013 +11.374 +0.301 25°4222

85.10. 7	5	20 18 12.360	25 26 50.65	
86.10. 6	5	12.409	51.07	
90. 9.30	7	12.400	50.19	C − 20″
92. 9 8	7	12.464	49.88	
92. 9.14	6	12.437	51.63	

11236 9.2 2.4571 +0.0017 +11.374 +0.290

86. 9. 8	5	20 18 12.596	29 11 23.06	† Z.C. δ 23″.1

Z.C. Identification [29°4017] probably wrong: see appendix

11237 9.1 2.4678 +0.0017 +11.381 +0.292 28°3730

81.10. 5	3	20 18 18.394	28 46 20.24	
86. 9.29	5	18.286	20.43	
88.10. 5	5	18.370	19.55	

11238 9.3 2.4384 +0.0018 +11.381 +0.288 29°4020

79.10. 9	3	20 18 18.447	29 56 1.21	†

11239 9.3 2.4441 +0.0018 +11.384 +0.289 29°4019

85.10. 1	5	20 18 20.611	29 42 49.69	
86. 9.17	5	20.640	49.69	

11240 9.3 2.5600 +0.0013 +11.389 +0.302 — —

88.10. 3	5	20 18 25.284	24 57 42.34	†

11241 8.9 2.4309 +0.0019 +11.392 +0.287 30°4011

72. 8.28	3	20 18 27.787	30 14 5.55	
72. 9. 5	1	27.800	6.65	§
72.10.28	3	27.862	6.21	
74. 9.28	3	27.738	6.63	
75. 9.14	3	27.793	5.62	
75 9.29	3	27.637	7.50	
75 10. 7	3	27.685	7.09	

11242 9.3 2.5587 +0.0013 +11.398 +0.302 24°4112

81. 9.30	3	20 18 33.050	25 1 45.05	
81.10. 1	3	32.991	44.09	
81.10. 8	3	33.093	42.63	
84. 9.18	5	32.884	43.90	
84. 9.20	5	32.931	42.76	

11243 9.3 2.5507 +0.0013 +11.400 +0.301 25°4223

72. 9.12	3	20 18 34.177	25 22 0.05	
73. 9.25	3	34.180	0.43	
75. 9. 9	2	34.203	1.73	
76. 9.23	3	34.065	0.38	
78. 9.13	3	34.378	1.01	

11244 $9^{m}.5$ $2^{s}.5430$ $+0^{s}.0014$ +11″.406 +0″.300 — —

90. 9.16	7	$20^{h}18^{m}39^{s}.378$	25° 42′ 11″.01	†

11245 9.5 2.5510 +0.0013 +11.408 +0.301 25°4224

73. 9.25	3	20 18 40.929	25 21 51.76	
75. 9. 6	3	41 073	51.99	+ 1^{m}
75. 9. 9	1	41.243	52.28	
75. 9.18	3	40.862	52.10	
76. 8.21	3	40.874	51.32	
76. 9.23	3	40.905	52.91	
77. 8.21	2	41.032	51.68	− 5^{m}

11246 9.5 2.5429 +0.0014 +11.420 +0.300 — —

73. 9. 8	3	20 18 51.257	25 43 3.59	†

11247 9.3 2.4951 +0.0017 +11.427 +0.294 27°3715

81.10.17	3	20 18 56.488	27 42 42.21	
84. 9.25	5	56.454	41.06	
84.10. 4	5	56.365	41.02	
84.10.24	1	56.293	40.26	+ 1^{m}

11248 9.3 2.4887 +0.0017 +11.427 +0.293 27°3716

85. 9.21	5	20 18 56.729	27 58 31.99	
85. 9.22	5	56.557	31.16	c.d.n.f.
85. 9.24	7	56.652	32.43	c.d.n.f.

11249 7.4 2.4734 +0.0018 +11.430 +0.291 28°3735

72. 8.14	3	20 18 59.717	28 35 50.56	
72. 8.20	3	59.753	50.25	
74. 9.24	3	59.569	50.59	
75.10. 6	3	59.424	52.28	p. of 2
86. 9.30	5	59.591	51.82	

11250 9.1 2.4492 +0.0019 +11.436 +0.288 29°4023

84. 9. 2	7	20 19 4.368	29 33 48.16	
84. 9.10	7	4.220	48.01	
85.10. 3	5	4.272	47.98	

11251 9.0 2.4706 +0.0018 +11.445 +0.291 28°3736

72. 8.17	3	20 19 11.849	28 43 34.83	
74.10.12	2	11.911	34.19	
76. 9. 1	3	11.771	34.86	
86.10. 2	5	11.762	35.09	

11252 9.0 2.4978 +0.0017 +11.446 +0.294 27°3718

72. 7.30	3	20 19 12.830	27 37 15.78	
72. 9.20	3	12.710	16.81	
75. 9. 7	2	12.950	16.31	
75. 9.20	3	12.660	16.56	
76. 8.25	3	12.800	16.10	

11253 8.3 2.4643 +0.0018 +11.447 +0.290 28°3738

73. 9.11	2	20 19 13.140	28 58 40.73	m.
74. 9.22	1	13.272	41.42	m.
76.10.11	3	13.088	40.40	p.
77. 8.31	3	13.039	40.59	m. − 10^{s}
77. 9. 1	3	13.009	41.45	m. — 5′
88. 9.19	5	12.985	42.58	Z.C. δ 41″.2

11254 $8^{m}.2$ $2^{s}.5485$ $+0^{s}.0014$ +11″.452 +0″.300 25°4226

73. 9.22	2	$20^{h}19^{m}17^{s}.910$	25° 30′ 43″.60	Z.C. Ep. 79.2
74. 9.14	3	17.618	45.35	
75. 8.23	3	17.639	44.09	
76. 9.20	3	17.752	44.94	
78. 9.13	3	17.757	44.21	−5′
78. 9.26	3	17.633	44.62	
80. 9.13	3	17.843	46.00	
80. 9.29	3	17.650	44.63	
80. 9.29	3	17.640	45.18	
80.10. 1	3	17.582	44.25	
80.10. 1	2	17.552	45.01	
80.10.14	3	17.631	43.16	
80.10.14	3	17.661	42.93	
80.10.23	3	17.652	43.75	
81. 9.15	3	17.756	45.05	
81. 9.15	2	17.636	46.50	

11255 9.2 2.5252 +0.0015 +11.454 +0.297 26°3888

81 9.28	3	20 19 19.552	26 29 53.09	Z.C. δ 52″.7
81 10.15	3	19.621	52.26	

11256 9.5 2.4899 +0.0017 +11.456 +0.293 27°3719

85. 9.26	5	20 19 20.789	27 57 13.41	
85.10.29	5	20.668	15.92	

11257 9.5 2.5217 +0.0015 +11.459 +0.297 26°3889

80. 9. 7	3	20 19 23.437	26 38 52.03	† Z.C. δ 52″.0

11258 9.4 2.5148 +0.0016 +11.459 +0.296 26°3890

72. 8.27	3	20 19 23.497	26 56 8.78	
74. 9.15	3	23.529	9.51	
74.10. 3	3	23.528	8.68	

11259 9.3 2.4547 +0.0018 +11.462 +0.289 29°4024

81. 9.30	3	20 19 25.632	29 22 31.06	Z.C. δ 30″.0
81.10. 1	3	25.672	30.11	+ 1^{m}
81.10.19	3	25.844	28.93	

11260 9.5 2.4917 +0.0017 +11.462 +0.293 — —

80. 9. 3	3	20 19 25.808	27 53 14.91	†

11261 8.7 2.5203 +0.0016 +11.465 +0.296 26°3891

72. 8.30	3	20 19 28.731	26 42 44.65	
72. 9.18	3	28.794	44.10	
74. 9. 9	2	28.588	43.64	
76. 9.21	3	28.689	44.29	
77.10.20	3	28.722	43.58	
78.10.11	3	28.622	44.99	

11262 7.5 2.5438 +0.0014 +11.467 +0.299 25°4228

74.10. 7	3	20 19 30.110	25 43 22.53	
75. 9.16	3	30.036	23.21	
88. 9.27	6	30.184	23.76	

11263 8.9 2.5069 +0.0016 +11.469 +0.294 27°3720

72. 8.12	3	20 19 32.120	27 16 13.74	
73. 9. 4	3	32.093	13.68	clds.
73. 9.23	3	32.014	11.99	
76. 9.29	3	32.015	11.99	

11264 8.2 2.4862 +0.0017 +11.472 +0.292 28°3740

73. 9. 1	3	20 19 34.268	28 7 14.65	
75. 8.18	2	34.164	14.66	
78.10.14	3	34.257	15.32	

11265 $9^m.1$ $2^s.4671$ $+0^s.0018$ $+11''.477$ $+0''.289$ 28°3741

81.10. 5	3	$20^h 19^m 38^s.314$	28° 53′ $42''.07$	
81.10.17	3	38.077	40.12	
84. 9.12	5	38.033	39.63	
84. 9.17	5	37.962	39.59	

11266 8.9 2.4592 +0.0018 +11.478 +0.289 29°4025

72.10.28	3	20 19 39.241	29 12 51.37	
73. 9.20	3	39.255	51.94	
75. 9.29	3	39.207	51.85	
76. 9.19	3	39.198	51.44	

11267 9.2 2.5607 +0.0013 +11.481 +0.301 24°4117

86. 9. 7	5	20 19 41.655	25 1 7.45	Z.C. Ep. 86.7
86. 9.22	7	41.624	6.33	

11268 9.3 2.4358 +0.0019 +11.486 +0.286 30°4020

73. 9.26	3	20 19 45.735	30 8 47.35	
74. 8.29	3	45.821	46.84	
74. 9. 4	3	45.966	47.02	
88. 9.22	7	46.004	48.33	

11269 9.4 2.5581 +0.0013 +11.492 +0.301 25°4229

72. 9.12	3	20 19 50.873	25 8 16.11	
73. 9. 8	3	50.859	16.54	
75. 8.23	3	50.863	16.08	
75. 9.18	3	50.794	16.20	
88. 9.20	7	50.970	16.82	
96. 8.27	7	50.648	16.91	§
96. 9.19	7	50.729	15.81	§
96. 9.28	7	51.000	17.43	§

11270 9.0 2.5199 +0.0016 +11.494 +0.296 26°3892

72. 8.27	2	20 19 52.762	26 45 17.88	Z.C. δ $17''.4$
74. 9. 9	3	52.926	16.83	
76. 9.21	2	52.770	17.19	
77. 9. 7	3	52.783	17.86	

11271 8.4 2.5543 +0.0013 +11.496 +0.300 25°4231

73. 9.25	3	20 19 54.089	25 18 15.56	
74. 9.14	3	54.038	15.90	
74.10.21	3	54.275	12.94	
88.10.15	7	54.274	14 28	

11272 9.5 2.4883 +0.0017 +11.499 +0.292 — —

72. 8.31	3	20 19 57.247	28 3 48.29	†

11273 7.9 2.4357 +0.0019 +11.500 +0.286 30°4023

75. 9. 1	3	20 19 57.978	30 9 46.24	
90. 9.29	5	57.792	46.26	
92. 9.14	3	57.979	45.93	

11274 9.2 2.5115 +0.0016 +11.507 +0.295 27°3722

80.10.23	3	20 20 3.638	27 6 57.42	
85.10. 1	5	3.417	58.77	
86. 8.30	7	3.494	57.82	
86. 9. 8	5	3.477	58.41	
86. 9.15	7	3.491	56.82	

11275 9.2 2.4978 +0.0017 +11.507 +0.293 27°3721

84.10.22	5	20 20 3.633	27 40 54.14	$+ 1^m$ †

11276 $9^m.4$ $2^s.5132$ $+0^s.0016$ $+11''.507$ $+0''.295$ 26°3894

72. 8.23	3	$20^h 20^m 3^s.751$	27° 2′ $37''.56$	
76.10. 4	3	3.585	37.59	
78.10.25	3	3.596	38.26	

11277 9.5 2.5080 +0.0016 +11.508 +0.294 27°3723

85.10. 7	5	20 20 4.277	27 15 42.95	
86. 9. 1	5	4.465	43.78	
86.10. 4	7	4.308	43.26	

11278 9.1 2.4775 +0.0018 +11.510 +0.290 28°3742

73. 9.11	1	20 20 5.941	28 30 36.21	
75.10. 6	3	5.686	36.93	
88.10. 3	5	5.821	37.05	

11279 8.9 2.4565 +0.0018 +11.511 +0.288 29°4027

72. 9. 5	2	20 20 6.978	29 21 10.38	§
73. 9.20	3	6.879	10.75	
75. 9.14	3	6.854	10.34	
75.10. 7	3	6.859	9.49	

11280 9.5 2.5047 +0.0016 +11.517 +0.294 27°3724

86.10.19	6	20 20 12.306	27 24 31.93	†

11281 9.4 2.5421 +0.0015 +11.524 +0.298 — —

75. 9. 6	3	20 20 18.185	25 51 2.74	
75. 9.16	2	18.088	3.99	w. 6 – 10^s

11282 9.2 2.5156 +0.0016 +11.526 +0.295 26°3896

74. 9.15	3	20 20 19.187	26 57 46.06	
74.10. 3	3	19.404	46.28	
76. 9.20	3	19.177	46.13	
78. 9.13	2	19.497	47.08	
78. 9.18	3	19.136	46.02	

11283 8.2 2.5634 +0.0013 +11.527 +0.301 24°4125

85. 9.15	5	20 20 20.299	24 56 36.78	s. f.
85.10.16	7	20.370	37.55	s. f.
86. 9.29	5	20.251	38.79	s. f.
92. 8.30	7	20.211	37.06	s. f. l.

11284 9.4 2.4876 +0.0017 +11.527 +0.292 28°3743

72. 8.20	2	20 20 20.373	28 6 58.86	
73. 9. 1	3	20.257	59.88	
76. 9. 1	2	20.339	58.68	

11285 8.3 2.5317 +0.0015 +11.528 +0.297 26°3897

75. 9.17	3	20 20 21.406	26 17 50.90	Z.C. α $21^s.49$
76. 9.23	3	21.397	51.46	
78.10.11	3	21.431	52.85	
79. 9. 8	3	21.517	50.35	
79. 9.15	3	21.415	51.18	
79. 9.25	3	21.433	51.25	
79. 9.27	3	21.497	52.11	
79.10. 4	3	21.518	51.01	
79.10.10	3	21.540	51.16	
79.10.15	3	21.538	50.39	
79.10.15	2	21.428	50.61	
79.10.16	3	21.495	49.81	
79.10.25	3	21.678	51.32	
80. 9.13	3	21.473	52.35	$+ 1^m$
86. 9.10	7	21.602	51.88	
88.10. 5	7	21.543	50.72	

11286 $9^{m}.5$ $2^{s}.5050$ $+0^{s}.0016$ $+11''.529$ $+0''.294$ 27°3726

86. 9.17	3	$20^{h}20^{m}21^{s}.624$	27° 24′ 31″.30	
86.10. 6	5	21.773	31.69	

11287 9.1 2.4502 +0.0019 +11.529 +0.287 29°4028

84. 9.18	5	20 20 21.748	29 37 31.60	$-1^{m}+1'$
84 9.20	5	21.751	32.13	
84. 9.25	5	21.830	31.87	

11288 9.5 2.4898 +0.0017 +11.529 +0.292 27°3725

72. 9.20	3	20 20 21.861	28 1 53.82	w. 2 + 1^{s}
74 10. 8	3	21.893	54.05	
75. 9. 3	3	21.719	54.00	
75. 9.20	3	22 082	53 85	
76. 9.25	3	21.970	53 16	
77. 8.16	3	21.895	54.25	

11289 8.4 2.5423 +0.0015 +11.532 +0.298 25°4233

72. 9.11	3	20 20 24.347	25 51 1.09	
74.10. 7	3	24.435	1.19	
75. 9. 6	3	24.275	1.17	
75. 9.16	2	24.268	2.81	

11290 9.3 2.4883 +0 0017 +11 534 +0.292 28°3744

72. 8.20	1	20 20 26 184	28 5 41.66	
75. 9.25	3	26.002	43.39	

11291 9.2 2.5317 +0.0015 +11.535 +0.297 26°3898

75. 9.17	3	20 20 26.816	26 18 14.23	
76. 9.23	1	27.214	14.39	
79. 9.25	2	26.940	16.50	
79. 9.27	3	26.913	14.46	
79.10.10	3	26.957	13.77	
79.10.16	2	26.924	14.22	
79.10.25	3	26.867	14.17	
81 10. 5	2	26.840	15.10	
88. 9.26	5	26.867	14.88	
90 10. 2	7	26.971	14.18	
90.10. 9	7	26.847	13.63	

11292 9.5 2.5271 +0.0016 +11.543 +0.296 26°3899

78.10.25	2	20 20 33.760	26 30 3.31	†

11293 9.0 2.5107 +0.0016 +11.545 +0.294 27°3727

72. 7.30	3	20 20 35.869	27 11 16.40	
73. 9. 4	3	35.826	19.04	clds.
75. 9. 7	3	35.728	17.51	
75. 9.20	2	35.715	17.50	
76. 9.29	3	35.748	18.87	−20′

11294 9.2 2.4416 +0.0019 +11.546 +0.286 29°4029

75. 9.29	2	20 20 36.339	29 58 50.72	
76. 8.29	2	36.334	50.01	+ 1 int.

11295 9.5 2.5038 +0.0016 +11.549 +0.294 27°3728

90 10. 8	7	20 20 38.476	27 28 38.28	†

11296 8.5 2.5479 +0.0015 +11.549 +0.298 25°4234

73. 9. 8	3	20 20 38.610	25 37 41.43	Z.C.δ41″.6
73. 9.22	3	38.758	41.51	
76.10. 4	3	38.693	42.19	
77. 9.11	3	38.760	41.27	

11297 $9^{m}.5$ $2^{s}.4882$ $+0^{s}.0017$ $+11''.552$ $+0''.292$ — —

72. 8 17	2	$20^{h}20^{m}41^{s}.311$	28° 7′ 21″.30	† ft.

11298 9.3 2.5138 +0.0016 +11.554 +0.295 27°3730

76. 8.11	3	20 20 43.125	27 4 7.67	†
90. 9.19	5	43.139	7.54	

11299 9.0 2.5434 +0.0015 +11.560 +0.298 — —

73 9.25	3	20 20 48.277	25 49 50.60	
74 10. 7	3	48.453	49.35	

11300 9.3 2.5645 +0.0014 +11.561 +0.300 24°4127

81.10.15	3	20 20 48.932	24 55 44.80	
81.10.19	3	48.743	44.90	
84.10. 4	7	48.939	44.37	

11301 Not found on revision 97.8.11: not found on Oxford photograph 92.9.17: the Z.C. place is 5^{m} wrong: see 11175 above

11302 9.4 2.4419 +0.0019 +11.570 +0.286 29°4031

72. 8.28	3	20 20 56.591	29 59 47.27	
72.10.28	3	56.562	46.61	
73. 9.26	3	56.428	46.55	
76. 9.19	3	56.655	45.91	
76.10. 7	2	56.596	46.53	

11303 8.7 2.4656 +0.0018 +11.572 +0.289 28°3747

72. 8.14	3	20 20 58.351	29 3 25.24	ft.
74.10.12	3	58.443	25.07	
86. 9.30	5	58.414	27.34	

11304 9.4 2.4867 +0.0017 +11.573 +0.291 28°3748

73. 9. 1	3	20 20 59.124	28 12 16.90	†
74. 9.24	3	59.187	16.36	
75. 8.25	3	59.263	15.00	

11305 9.3 2.4396 +0.0019 +11.576 +0.286 30°4032

81.10.17	2	20 21 1.251	30 5 36.84	
85. 9.21	5	1.107	38.67	
85. 9.22	5	1.078	37.39	

11306 9.5 2.5243 +0.0016 +11.581 +0.296 — —

80. 9. 7	3	20 21 5.319	26 39 18.42	†

11307 9.0 2.4950 +0.0017 +11.583 +0.292 27°3731

72. 8.12	3	20 21 7.258	27 52 33.12	
72. 8.31	2	7.155	33.11	
72. 9.20	3	7.011	32.87	
78. 9.16	3	6.908	32.28	
78. 9.16	3	6.888	32.58	
80. 9. 3	3	6.959	33.06	
80. 9. 3	2	6.959	33.71	

11308 9.3 2.5143 +0.0016 +11.586 +0.295 — —

90.10. 1	7	20 21 9.617	27 4 37.49	

Not found on revision 97.9.10, but shewn on Oxford photographs 92.9.17 and 98.10.3

11309 9.0 2.5297 +0.0015 +11.588 +0.296 26°3902

72. 8.23	3	20 21 11.968	26 26 20.33	
72. 9.18	3	11 834	19.67	
76. 9.20	1	11.578	21.02	
76. 9.21	3	11.539	20.80	
77. 9. 7	3	11.613	21.76	
86.10. 2	5	11.574	20.51	

11310 9$^{\mathrm{m}}$.1 2$^{\mathrm{s}}$.5032 +0$^{\mathrm{s}}$.0017 +11″.594 +0″.293 27°3732

73. 9.23	3	20$^{\mathrm{h}}$21$^{\mathrm{m}}$16$^{\mathrm{s}}$.959	27° 32′ 52″.36	
75. 9. 3	3	16.960	52.88	
76. 9.25	3	17.011	52.92	
76. 9.29	3	17.098	51.83	
77. 8.16	2	17.011	52.79	clds.

11311 9.3 2.4426 +0.0019 +11.596 +0.286 29°4034

73. 9.26	3	20 21 18.129	29 59 48.68	
75. 9.14	3	18.270	48.29	−10′
75. 9.29	3	18.276	49.07	
79.10. 4	2	18.212	47.46	
86. 9. 7	5	18.237	49.66	+1$^{\mathrm{m}}$

11312 8.2 2.5619 +0.0013 +11.602 +0.300 25°4237

72. 9.12	3	20 21 22.997	25 4 45.24	
74.10.21	3	23.058	44.45	
75. 8.23	2	23.121	45.98	
75. 9.18	3	23.068	45.42	+5′

11313 9.0 2.5449 +0.0015 +11.606 +0.298 25°4238

75. 9. 6	2	20 21 26.290	25 48 35.33	
75. 9. 9	3	26.201	35.06	
85. 9.24	5	26.317	35.23	
85. 9.26	5	26.211	33.67	
85.10. 3	5	26.272	35.18	

11314 9.4 2.4788 +0.0018 +11.607 +0.290 28°3752

73. 9.11	1	20 21 27.718	28 33 29.81	†
75. 8.18	3	27.585	29.77	
75.10. 6	3	27.581	30.04	
76. 8.25	2	27.513	29.02	
76.10.11	3	27.665	29.53	
81.10. 1	3	27.691	29.60	−1 int.§

11315 9.3 2.4495 +0.0019 +11.609 +0.286 29°4035

73. 9.20	3	20 21 29.142	29 44 7.98	
74. 8.29	3	28.987	5.41	
75.10. 7	3	28.908	5.83	+1 int.

11316 9.0 2.4699 +0.0019 +11.614 +0.288 28°3754

74. 9.24	2	20 21 33.317	28 55 42.27	
75. 8.18	1	33.208	42.33	
76. 9. 1	3	33.213	40.67	

11317 8.8 2.5010 +0.0017 +11.614 +0.292 27°3733

73. 9. 4	2	20 21 33.646	27 39 30.62	clds.
74.10. 8	2	33.460	27.83	

11318 9.1 2.5178 +0.0016 +11.616 +0.294 26°3903

81.10.15	3	20 21 34.814	26 57 46.24	
84. 9.12	5	34.753	45.80	
84. 9.17	5	34.699	47.00	

11319 9.5 2.4382 +0.0019 +11.618 +0.285 30°4035

92. 9. 5	5	20 21 36.701	30 11 28.20	
92. 9.15	4	36.961	27.78	

11320 8.9 2.5611 +0.0014 +11.619 +0.299 25°4239

73. 9.22	2	20 21 37.964	25 7 44.55	
75.10.11	3	37.798	44.75	
76. 8.21	3	37.714	45.85	

11321 9$^{\mathrm{m}}$.3 2$^{\mathrm{s}}$.4499 +0$^{\mathrm{s}}$.0019 +11″.623 +0″.286 29°4036

73. 9.20	1	20$^{\mathrm{h}}$21$^{\mathrm{m}}$41$^{\mathrm{s}}$.270	29° 44′ 23″.18	+1 int.
74. 8.29	3	41.236	21.83	
74. 9.28	3	41.163	22.47	
88. 9.19	5	41.269	22.99	

11322 Not found on revision (see appendix 11314); not found on Oxford photograph 92.9.17: the Z.C. place is 1 int. wrong; see 11314 above

11322$^{\mathrm{b}}$ 9.5 2.5029 +0.0017 +11.631 +0.292 — —

90. 9.16	5	20 21 47.420	27 35 58.10	

Place confirmed by Oxford photographs 92.9.17 and 98.10.3

11323 8.6 2.5591 +0.0014 +11.633 +0.299 25°4242

73. 9. 8	3	20 21 49.414	25 13 45.34	
74. 9.14	3	49.444	44.85	
74.10. 7	3	49.523	44.27	

11324 7.4 2.4446 +0.0019 +11.636 +0.285 29°4038

72. 8.28	3	20 21 52.276	29 57 32.79	
72. 9. 3	3	52.370	34.71	
72. 9. 5	3	52.365	32.96	§
72.10.28	3	52.413	32.17	
73. 9.26	2	52.389	34.50	
75. 9. 1	3	52.338	33.95	

11325 9.1 2.4593 +0.0019 +11.640 +0.287 — —

84. 8.19	4	20 21 55.734	29 22 46.60	†

11326 9.5 2.4714 +0.0019 +11.645 +0.288 28°3757

72. 8.17	3	20 21 59.145	28 54 1.45	
74.10.12	3	59.168	1.96	
75.10. 6	3	58.982	2.81	
87. 9.28	6	59.358	1.56	

11327 9.5 2.5044 +0.0017 +11.645 +0.292 — —

72. 9.20	2	20 21 59.813	27 33 1.40	
73. 9.23	3	59.508	2.29	

11328 9.1 2.4948 +0.0018 +11.647 +0.291 27°3737

77. 8.29	1	20 22 1.292	27 56 50.02	† Z.C. δ 50″.0

11329 Not found on revision (see appendix 11327$^{\mathrm{a}}$); not found on Oxford photographs 92.9.17 and 98.10.3: the Z.C. place is 1 int. wrong; see 11322$^{\mathrm{b}}$ above

11330 9.4 2.5625 +0.0014 +11.651 +0.299 25°4244

75. 9.18	3	20 22 4.414	25 5 53.05	†

11331 8.5 2.4957 +0.0018 +11.654 +0.291 27°3738

72. 7.30	3	20 22 6.821	27 55 3.74	Z.C. δ 4″.3
74.10. 8	2	6.646	5.12	
75. 9. 3	3	6.651	3.96	
75. 9. 7	3	6.592	4.27	
77. 8.29	3	6.550	4.50	

11332 8.6 2.5027 +0.0017 +11.669 +0.292 27°3739

72. 8.12	3	20 22 20.252	27 38 47.34	§
74.10. 8	2	20.136	45.31	Z.C. Ep. 79.4
76. 9 29	2	20.115	45.36	
86. 9.29	5	20.119	45.85	

11333 9^m.5 2^s.5648 +0^s.0014 +11″.673 +0″.299 24°4136

81.10. 8	3	20^{h}22^{m}23^s.093	25° 1′ 23″.87	
81.10.19	2	23.093	23.93	
84.10.22	5	23.060	24.39	
84.10.24	5	23.149	24.33	
85. 9.14	5	23.106	24.05	
88. 9.26	5	23.121	23.72	

11334 7.8 2.5484 +0.0015 +11.680 +0.297 25°4247

72. 9.12	3	20 22 29.054	25 44 6.02	
72.10. 9	2	29.210	6.04	
73. 9.25	3	28.728	7.78	
75. 8.23	3	28.973	7.02	
75. 9. 9	3	28.901	6.87	
75. 9.16	3	28.743	7.91	
75. 9.18	2	28.990	6.84	
75.10.11	3	28.995	7.13	

11335 9.5 2.5655 +0.0014 +11.687 +0.299 24°4137

81.10. 1	3	20 22 35.227	25 0 15.89	
85. 9.15	5	34.940	14.53	

11336 9.2 2.4461 +0.0020 +11.689 +0.285 29°4040

79.10. 9	3	20 22 36.513	29 57 28.26	†

11337 8.5 2.4568 +0.0020 +11.693 +0.286 29°4041

72. 9. 5	1	20 22 40.459	29 32 23.94	
72.10.28	3	40.518	22.77	
74. 8.29	2	40.468	24.47	
75. 8.26	3	40.520	24.13	
75. 9.14	3	40.204	23.62	
76.10. 7	2	40.276	24.40	
79.10.10	3	40.440	24.74	
79.10.25	3	40.409	24.13	
86.10. 6	5	40.527	24.78	

11338 9.1 2.5155 +0.0017 +11.697 +0.293 27°3743

80. 9.29	3	20 22 42.942	27 8 32.17	
80.10.23	3	43.043	30.13	

11339 9.0 2.4527 +0.0020 +11.699 +0.285 29°4043

74. 9. 4	2	20 22 44.769	29 42 28.04	
75.10. 7	3	44.718	27.67	
76. 8.29	2	44.731	27.84	
76. 9.19	3	44.690	27.30	D − 50″
88. 9.22	7	44.755	28.68	

11340 9.0 2.4421 +0.0020 +11.699 +0.284 30°4038

74. 9.28	3	20 22 44.694	30 7 35.10	
75. 9.29	3	44.778	34.71	
87.10.10	5	44.996	34.26	

11341 9.4 2.4412 +0.0020 +11.699 +0.284 30°4039

74. 9.28	3	20 22 45.473	30 9 40.70	†

11342 9.5 2.5058 +0.0018 +11.705 +0.291 27°3744

72. 8.31	3	20 22 50.411	27 33 10.70	
75. 9.20	3	50.100	10.10	
78. 9.10	2	50.327	8.29	
88. 9.21	5	50.113	10.89	

11343 9.5 2.5080 +0.0017 +11.710 +0.292 27°3745

73. 9.23	3	20 22 53.831	27 28 5.46	
78. 9.16	3	53.949	4.25	
78.10.14	3	53.849	5.77	
88.10.15	7	53.940	5.38	

11344 8^m.6 2^s.4526 +0^s.0020 +11″.710 +0″.285 29°4044

74. 9 4	3	20^{h}22^{m}53^s.919	29° 43′ 17″.10	
75.10. 7	3	54.009	16.15	
76. 8.29	1	54.111	16.98	
76. 9.19	3	54.029	16.54	

11345 9.3 2.5597 +0.0014 +11.710 +0.298 — —

76. 8.21	3	20 22 54.445	25 16 43.05	
77. 9.11	3	54.672	42.91	
90. 9.29	7	54.627	43.15	

11346 9.0 2.5177 +0.0017 +11.711 +0.293 27°3747

78. 8.12	3	20 22 55.128	27 4 2.05	
80. 9.13	2	55.010	1.58	
86.10.19	5	54.970	0.30	

11347 8.7 2.5193 +0.0017 +11.711 +0.293 26°3905

72. 8.27	3	20 22 55.421	26 59 58.16	Z.C. δ 57″.1
72. 9.18	3	55.606	56.45	
75. 9.17	3	55.503	57.42	
77.10.20	3	55.601	55.23	
88. 9.20	5	55.413	58.38	

11348 9.5 2.5307 +0.0016 +11.711 +0.294 — —

76. 8.11	3	20 22 55.571	26 31 9.21	†

11349 9.1 2.5041 +0.0018 +11.724 +0.291 27°3749

81. 9.30	3	20 23 6.261	27 38 50.06	
85.10. 3	5	6.097	49.59	
85.10.26	5	6.047	48.92	
85.10.29	5	6.286	48.50	

11350 9.1 2.4607 +0.0019 +11.724 +0.286 29°4045

81.10.17	3	20 23 6.326	29 24 45.54	
86. 9.15	6	6.161	43.53	

11351 9.2 2.4668 +0.0019 +11.726 +0.287 29°4046

85. 9.22	5	20 23 7.534	29 10 20.68	
86. 9.30	5	7.522	21.90	

11352 9.3 2.5185 +0.0017 +11.730 +0.293 26°3906

76. 9.21	3	20 23 11.542	27 2 57.55	
76. 9.23	3	11.506	57.83	− 1 int.
76.10. 4	3	11.531	58.17	
85.10. 1	5	11.440	58.06	
85.10. 5	7	11.530	59.02	
85.10. 7	5	11.564	57.41	

11353 9.3 2.5552 +0.0014 +11.733 +0.297 25°4251

81.10. 5	3	20 23 14.144	25 29 37.79	
85. 9.26	5	13.835	34.98	
87. 9. 6	5	14.276	37.09	

11354 8.5 2.4826 +0.0019 +11.737 +0.288 28°3761

73. 9. 1	3	20 23 17.150	28 32 28.43	
73. 9.11	3	17.129	28.43	
75. 9.25	3	16.985	27.88	− 1′
76.10.11	3	16.985	28.10	

11355	8^{m}.2	2^{s}.4934	+0^{s}.0018	+11″.746	+0″.290	28°3762
72 8.20	2	20^{h} 23^{m} 24^{s}.534	28° 6′ 35″.10			+ 1′
73. 9. 1	3	24.618	36.49			
74. 9.24	3	24.460	35 57			
75.10. 6	3	24.660	36.68			
80. 9.28	3	24.427	35.35			– 1 int.
80.10. 1	3	24.311	35.42			
80.10. 1	2	24.408	35.50			
81. 9.15	3	24.587	37.54			
81. 9.15	3	24.567	38.01			
11356	7.9	2 4873	+0.0018	+11.749	+0.289	28°3763
74. 9.22	3	20 23 27.345	28 21 42.12			
76. 9. 1	3	27.280	42 38			
11357	9.1	2.4633	+0.0019	+11.749	+0 286	29°4048
81.10. 1	3	20 23 27.869	29 20 21.24			
85. 9.24	5	27.752	20.71			
88. 9.13	5	27.740	21.47			
11358	9.4	2.5671	+0.0014	+11.753	+0.298	24°4142
78.10.11	3	20 23 30.358	25 0 4.97			
86. 9.17	5	30.366	3.91			
11359	9.0	2.4927	+0.0018	+11.755	+0.289	28°3764
73. 9.11	1	20 23 32.803	28 9 6.22			
74.10.12	3	32.647	6.46			
75. 8.18	3	32.627	7.06			
80.10.14	2	32.702	5.84			
80.10.14	3	32.642	7.54			
11360	9.2	2.5550	+0.0015	+11.757	+0.297	25°4252
81.10.19	3	20 23 33.814	25 31 33.75			
85 10.16	5	33.956	34.31			
86.10. 2	5	33.742	34.10			
11361	9 0	2.4566	+0.0020	+11.758	+0.285	29°4051
72. 8.28	3	20 23 34.888	29 36 50.46			
73. 9.26	3	34.790	51.19			
75. 8.26	3	34.788	50.88			
84. 9. 2	5	34.850	49.92			
84. 9.11	7	34.682	49.84			
90.10.10	7	34.794	50.73			
11362	9.0	2.5143	+0.0017	+11.760	+0.292	27°3752
72. 9.20	3	20 23 36.695	27 15 23.84			
76. 8.25	3	36.584	23 52			
78. 9.10	2	36.510	24.03			
88.10. 5	5	36.627	24.10			
11363	9.0	2.5092	+0.0017	+11.769	+0.291	27°3753
74.10. 8	2	20 23 44.001	27 28 29.12			
92. 9.15	5	44.070	29.56			
11364	9.1	2.5178	+0.0017	+11.769	+0.292	27°3754
80. 9.13	2	20 23 44.234	27 7 25.63			
80. 9.29	3	44.043	23.88			
80.10.23	2	44.173	22.50			
86. 9. 7	5	43.919	23.99			
86. 9.22	7	44.049	24.17			
11365	9.3	2.5606	+0.0014	+11.769	+0.297	25°4253
75. 9. 9	3	20 23 44.212	25 17 50.92			
86. 8.30	5	44.289	49.99			
86. 9. 1	5	44.231	51.04			
86. 9.10	7	44.375	50.33			ex. ft.
11366	9^{m}.2	2^{s}.5312	+0^{s}.0017	+11″.771	+0″.293	26°3908
74. 9.15	3	20^{h} 23^{m} 45^{s}.583	26° 33′ 28″.20			
76. 8.11	3	45.519	28.95			
76. 9.21	1	45.364	28.53			
80. 9. 7	3	45.750	30.60			
80. 9. 7	2	45 780	31.45			
86. 9. 8	5	45.561	29.49			
86.10. 4	5	45.556	30.22			
11367	9.3	2.5068	+0.0018	+11.771	+0.290	— —
80. 9. 3	3	20 23 45.834	27 34 42.36			†
11368	8.5	2.5102	+0.0017	+11.772	+0.291	27°3755
81. 9.30	3	20 23 46.582	27 26 11.67			
92. 9.14	7	46.519	10.75			
11369	8.3	2.4587	+0.0020	+11 773	+0.285	29°4052
72. 9. 3	3	20 23 47.554	29 32 52.09			
72.10.28	3	47.586	51.66			
73. 9.20	3	47.616	52.14			
75. 9. 1	3	47.528	51.67			
79.10.10	3	47.697	52.08			
11370	9.5	2.5691	+0.0014	+11.775	+0.298	24°4143
81.10.15	3	20 23 49.097	24 56 7.47			
87. 9.22	7	49.002	9.33			
11371	7.8	2.4956	+0.0018	+11.775	+0.289	27°3756
75. 9. 3	3	20 23 49 256	28 2 48.55			
75. 9. 7	3	49.057	46.93			
75. 9.20	3	49.103	48.57			
78. 9.10	2	48.952	48.54			
78.10.14	3	49.137	48.46			
79. 9. 8	3	49.088	47.03			
79. 9.15	3	49.118	48.31			
79.10.15	3	49.006	48.17			
11372	7.6	2.4983	+0.0018	+11.780	+0.289	27°3757
77. 8.29	3	20 23 53.778	27 56 36.33			
78. 9.18	3	53.691	36.66			
78.10.24	3	53.739	37.35			
11373	9.1	2.5613	+0.0014	+11.782	+0.297	25°4254
72. 9.12	3	20 23 54.855	25 16 43.01			
72.10. 9	3	55.056	42.50			
73. 9 22	3	54.685	43.93			
75. 8.23	3	54.886	43.19			
75. 9. 9	3	54.952	43.86			
11374	9.0	2.5185	+0.0017	+11.782	+0.292	27°3758
77. 8.16	3	20 23 54.947	27 6 10.07			Z.C. δ9″.0
80. 9.13	2	55.170	10.28			
80.10 23	2	54.829	7.77			
84. 9.10	7	54.914	8.56			
84. 9.12	7	55.048	8.52			
11375	9.0	2 4596	+0 0020	+11.784	+0.285	29°4053
73. 9.20	1	20 23 57.137	29 31 29.13			d. s. f.
73. 9.26	2	57.313	27.89			–5′
75. 9. 1	3	57.117	28.51			
75. 9.29	2	57.321	28.40			d. s. f.
79. 9.25	3	57.145	28.34			c. d. s. f.
79 10.10	3	57.211	28.68			s. f.
79.10.25	3	57.251	27.43			c. d. s. f.
84.10. 4	7	57.198	28.41			c. d. s. f.

11376 $9^{m}.5$ $2^{s}.5606$ $+0^{s}.0015$ $+11''.784$ $+0''.297$ — —
77. 9.11 2 $20^{h}23^{m}57^{s}.304$ 25° 18′ 42″.99 † Z.C. δ 43″.0

11377 9.5 2.5680 +0.0014 +11.785 +0.298 24°4144
81 10. 8 3 20 23 57.595 24 59 38.33
88. 9.19 5 57.627 40.48

11378 9.3 2 5583 +0.0015 +11.785 +0.297 25°4255
86. 9.11 5 20 23 58.050 25 24 48.12
87.10.15 7 58.366 47.75
90. 9.19 1 57.865 47.58

11379 9.1 2.4756 +0.0019 +11.786 +0.287 28°3767
84. 9.17 7 20 23 58.170 28 52 49.24 w. 1 to 5 – 10^{s}
90.10. 8 7 58.338 49.81 [v. ft.

11380 9.5 2.5422 +0.0016 +11.788 +0.295 26°3910
73. 9.25 3 20 23 59.932 26 6 19.80
90 9.24 7 60.078 20.11
90. 9.27 7 60.026 20.67

11381 9.2 2.5135 +0.0017 +11.791 +0.291 — —
84. 8.19 7 20 24 2.722 27 19 33.05 †

11382 8.9 2.4481 +0.0020 +11.793 +0.284 29°4055
75. 9.14 3 20 24 4 966 29 59 46.34 – 10′
75.10. 7 3 4.838 47.29 Z.C. α $4^{s}.84$
77. 8.28 3 4.755 47.66
79.10. 4 3 4.691 46.25
79.10. 9 3 4.939 47.49

11383 8.9 2.5293 +0.0017 +11.799 +0.293 26°3911
72. 8.23 3 20 24 9.940 26 40 3.36 Z.C. δ 3″.2
72. 9.18 3 9.809 3.16
76. 9.23 3 9.756 2.82
77. 9. 7 3 9.755 3.60

11384 8.2 2.5328 +0.0017 +11.801 +0.293 26°3912
72. 8.27 3 20 24 11.838 26 31 22.79
75. 9.17 3 11.799 21.02
76. 8.11 2 11.928 21.81
76. 9.20 3 11.762 22.07
76.10. 4 3 11.860 21.70

11385 9.2 2.5557 +0.0015 +11.803 +0.296 25°4256
81.10.17 3 20 24 13.135 25 32 35.82 †
86. 9.29 5 13.117 36.49 [–1 int.§
87.10.10 5 13.457 35.78 s. p. of 2:

11386 9.2 2.4636 +0.0019 +11.803 +0.286 29°4056
84.10.24 3 20 24 13.387 29 22 54.91 f. of 2
91. 9.28 7 13.228 57.33

11387 4.2 2.4496 +0.0020 +11.808 +0.284 29°4057
72. 9. 5 3 20 24 17.442 29 57 7.93
76. 9.19 3 17.381 7.89
79.10. 4 3 17.320 8.24

11388 8.9 2.5011 +0.0018 +11.809 +0.289 27°3760
72. 7.30 3 20 24 18.098 27 51 34.89
72. 8.12 3 17.823 35 47
79. 9.27 3 18.059 35.90
79.10.15 3 17.935 34.84
79.10.16 3 17.801 35.24
80. 9.28 2 17.834 35.39
80. 9.29 3 17.815 35.00
84. 9.18 7 17.888 35.38

11389 $9^{m}.3$ $2^{s}.5404$ $+0^{s}.0016$ $+11''.811$ $+0''.294$ 26°3914
85. 9.14 5 $20^{h}24^{m}19^{s}.485$ 26° 12′ 28″.55
85. 9.15 5 19.469 28.73

11390 9.1 2.4912 +0.0018 +11.814 +0.288 28°3769
84. 9.22 3 20 24 22.187 28 16 20.00 cld.
84. 9.25 7 22.161 20.55
90. 9.16 7 22.180 19.37

11391 9.0 2.5200 +0.0017 +11.814 +0.292 — —
72 8 31 3 20 24 22.767 27 4 36.42 † Z.C. δ 36″.4

11392 9.1 2.5440 +0.0016 +11.815 +0.295 25°4258
73. 9. 8 3 20 24 22.900 26 3 29.05
73. 9.25 3 23.003 29.73
74. 9.14 3 22.990 29.00
78. 9.13 2 23.128 29.02
78.10.25 2 23.048 30.36

11393 9.2 2.5583 +0.0015 +11.816 +0.297 25°4257
84. 9.20 7 20 24 23.707 25 26 44.63 + 1^{s}
84.10.22 5 23.760 45.03
84.10.23 5 23.960 44.34

11394 Not found on revision: not found on Oxford photographs: the Z.C. place is 1 int. wrong; see 11385 (87.10.10) above

11395 8.9 2.4674 +0.0019 +11.820 +0.286 29°4059
76.10. 7 3 20 24 27.440 29 14 57.36 + 1 int.
79.10.16 3 27.516 55.52 – 5′
79.10.20 3 27.516 56.73 Z.C. α $27^{s}.47$
86.10. 6 5 27.454 56.75
88. 9.26 5 27.403 58.59

11396 9.5 2.5628 +0.0015 +11.820 +0.297 25°4259
74.10. 7 3 20 24 27.493 25 15 17.48
74.10.21 3 27.584 15.75 v. ft.
75.10.11 3 27.619 16.54

11397 9.4 2.4882 +0.0018 +11.820 +0.288 28°3770
72. 8.14 3 20 24 27.823 28 24 6.16
72. 8.17 3 27.822 5.66
72. 8.20 3 27.767 4.83
74. 9.22 3 27.752 6.11
74. 9.24 3 27.794 5.17
76. 9. 1 3 27.577 5.65
76.10.11 3 27.753 5.25

11398 9.1 2.4676 +0.0019 +11.823 +0.286 29°4060
75. 9.14 3 20 24 29.871 29 14 43.57 Z.C. α $29^{s}.93$
76. 8.29 1 29.881 43.95
79. 9. 8 3 29.911 42.66
79. 9 15 3 30.033 43.98 c. d. n. p. – 20′
79.10.20 3 29.976 43.23

11399 8.8 2.5457 +0.0016 +11.823 +0.295 25°4260
74.10.21 2 20 24 30.092 25 59 38.06
75. 9. 6 3 30.179 39.17
75. 9.16 3 30.218 39.41
75. 9.18 2 30.115 39.70
76. 8.21 3 30.124 38.73

11400	$8^{\mathrm{m}}7$	$2^{\mathrm{s}}5078$	$+0^{\mathrm{s}}0018$	+11″824	+0″290	27°3761
73. 9.23	3	$20^{\mathrm{h}}24^{\mathrm{m}}31^{\mathrm{s}}033$	27° 35′ 39″32			
75. 9.20	3	31.030	40.25			
78. 8.12	3	31.131	40.47			
11401	9.3	2.5561	+0.0016	+11.824	+0.296	25°4261
87. 9.28	6	20 24 31.164	25 32 52.45			†

The observations made during revision give R.A. $1^{\mathrm{s}}1$ less: Oxford photographs give R.A. $0^{\mathrm{s}}9$ less

11402	9.5	2.4933	+0.0018	+11.826	+0.289	28°3771
75.10. 6	2	20 24 32.411	28 11 49.40			
81.10. 5	3	32.476	49.77			
11403	8.8	2.5461	+0.0016	+11.826	+0.295	25°4262
74. 9.14	3	20 24 33.120	25 58 45.64			
74.10. 7	1	33.178	45.43			
75. 9. 6	3	33.159	45.90			
75. 9.16	2	32.928	46.04			
75. 9.18	3	33.115	46.04			
75.10.11	2	33.069	45.06			
96. 8.27	7	33.058	44.85			§
96. 9.19	7	33.078	44.91			§
96. 9.28	7	33.139	45.81			§
11404	9.5	2.5711	+0.0015	+11.836	+0.297	24°4150
81.10.15	3	20 24 40.715	24 54 20.50			†
11405	9.1	2.4768	+0.0019	+11.849	+0.286	28°3773
81.10. 1	3	20 24 52.303	28 54 4.34			Z.C. δ 4″0
85. 9.21	7	52.295	3.60			
85. 9 22	7	52.344	4.19			
11406	7.9	2.4460	+0.0020	+11.850	+0.283	30°4055
72. 9. 3	3	20 24 53.084	30 8 24.23			
74. 9.28	3	53.017	22.81			
75.10. 7	1	52.905	22.14			
86.10. 2	4	52.923	23.76			w. 5 − 1^{s}
11407	9.5	2.4471	+0.0020	+11.853	+0.283	30°4056
85.10.29	5	20 24 55.542	30 5 56.15			†
11408	8.0	2.5123	+0.0017	+11.858	+0.291	27°3765
72. 9.20	2	20 24 59.582	27 26 52.15			
76. 8.25	3	59.557	52.40			
11409	9.5	2.4750	+0.0019	+11.860	+0.286	28°3774
91. 8.12	4	20 25 1.346	28 59 6.16			†
11410	9.5	2.4729	+0.0019	+11.864	+0.286	29°4063
72.10.28	3	20 25 5.274	29 4 28.68			
74. 8.29	3	5.064	28.02			
75. 8.26	3	5.050	28.98			
81. 9.30	2	5.249	28.81			
11411	9.2	2.5149	+0.0017	+11.870	+0.291	27°3767
84. 9. 2	5	20 25 9.957	27 21 4.28			−1′
85. 9.26	5	9.753	3.71			
85.10. 1	5	9.660	5.03			
86. 9.30	7	9.816	5.09			

11412	$7^{\mathrm{m}}4$	$2^{\mathrm{s}}5134$	$+0^{\mathrm{s}}0017$	+11″871	+0″291	27°3768
72. 9.20	2	$20^{\mathrm{h}}25^{\mathrm{m}}11^{\mathrm{s}}023$	27° 24′ 49″01			
74.10. 8	2	10.905	51.89			
76. 8.25	3	10.975	50.62			
76. 9.29	3	10.923	50.77			
78. 9.10	2	10.823	50.65			
78.10.11	3	10.944	51.18			
85.10. 7	7	10.809	50.73			
11413	9.3	2.5069	+0.0018	+11.873	+0.290	27°3769
75. 9.20	1	20 25 12.322	27 41 14.74			
77. 8.29	3	12.542	15.34			
78. 8.12	3	12.563	15.86			
78. 9.16	2	12.725	14.10			
11414	9.1	2.4887	+0.0019	+11.880	+0.288	28°3775
75. 9.25	3	20 25 18.672	28 26 45.69			
81.10.19	3	18.742	44.90			
85.10.16	5	18.660	46.67			
88. 9.20	7	18.618	45.73			
11415	9.2	2.5209	+0.0017	+11.880	+0.292	27°3770
85. 9.24	5	20 25 18.679	27 6 18.06			v. ft.
85.10. 3	5	18.956	18.71			ex. ft.
88. 9.21	5	18.831	19.98			
11416	9.2	2.4980	+0.0018	+11.881	+0.289	27°3771
75. 9. 3	3	20 25 18.983	28 3 54.20			
75. 9. 7	3	19.193	53.00			
11417	9.4	2.5077	+0.0018	+11.883	+0.290	27°3772
73. 9.23	2	20 25 20.839	27 39 53.53			
78. 9.16	3	20.758	53.46			
78.10.14	3	20.858	55.29			
78.10.24	3	20.873	55.21			
11418	9.2	2.4978	+0.0018	+11.887	+0.288	28°3776
75. 9. 7	3	20 25 24.103	28 4 50.08			+ 5′
81.10. 8	3	24.115	47.79			C. α $24^{\mathrm{s}}10$
86. 9.15	7	24.146	49.05			
88. 9.13	7	24.026	50.60			
11419	8.8	2.5622	+0.0015	+11.890	+0.296	25°4265
72. 9.12	3	20 25 26.871	25 20 52.74			
72.10. 9	3	27.060	51.97			
73. 9.22	3	26.931	52.83			
75. 8.23	3	26.874	52.46			
11420	8.3	2.5110	+0.0018	+11.895	+0.290	27°3773
72. 8.31	2	20 25 31.429	27 32 15.94			
79. 9.25	3	31.314	15.26			
79.10. 9	3	31.172	15.18			
79.10.25	3	31.148	14.84			
80. 9. 3	3	31.206	15.19			
11421	8.7	2.5032	+0.0019	+11.899	+0.289	27°3775
72. 7.30	3	20 25 34.495	27 52 3.62			
77. 8.16	3	34.413	4.67			
79. 9.27	3	34.463	4.93			
86.10.19	7	34.462	4.62			

11422 8^{m}9 2^{s}5576 +0^{s}0016 +11″901 +0″295 25°4266

73. 9.25	3	20^{h}25^{m}36^{s}468	25° 34′ 30″70	
74.10. 7	1	36.596	29.20	
75. 8.23	2	36.464	29.72	
75. 9.18	2	36.474	30.34	
76. 9.20	3	36.479	30.13	
76. 9.23	2	36.646	29.49	
77. 8.21	3	36.454	30.35	

11423 9.5 2.4518 +0.0021 +11.901 +0.282 29°4065

73. 9.12	2	20 25 36.734	29 58 2.51	
90. 9.29	7	36.600	4.02	

11424 7.7 2.5413 +0.0016 +11.904 +0.293 26°3917

72. 9.18	3	20 25 38.914	26 15 58.86	− 1′
74.10. 3	3	39.129	59.20	
74.10.19	3	38.981	59.11	

11425 9.4 2.5460 +0.0016 +11.907 +0.294 25°4267

73. 9. 8	1	20 25 41.839	26 4 1.89	
76.10. 4	3	41.695	1.77	
79. 9.24	1	42.015	1.71	−1^{m}

11426 9.4 2.4531 +0.0021 +11.907 +0.282 29°4066

73. 9.26	3	20 25 42.135	29 55 26.93	
74. 9.28	3	41.966	26.23	

11427 8.7 2.5461 +0.0016 +11.909 +0.294 25°4268

73. 9. 8	2	20 25 43.249	26 3 48.50	
76. 9.21	3	43.330	48.52	
76.10. 4	3	43.345	48.47	
78.10.25	3	43.355	48.42	
79. 9. 8	3	43.422	48.60	− 10′
79. 9.24	1	43.325	47.29	
79.10.10	3	43.470	48.69	
81.10.17	3	43.468	48.99	
86. 9.11	7	43.336	48.16	s. f. of 2

11428 9.5 2.5427 +0.0016 +11.913 +0.293 26°3918

79. 9.27	1	20 25 46.219	26 12 54.53	†

11429 8.7 2.4545 +0.0021 +11.913 +0.282 29°4067

72. 9. 5	3	20 25 46.541	29 52 10.13	
73. 9.20	3	46.451	10.26	
76. 9.19	3	46.494	9.04	

11430 9.2 2.4905 +0.0020 +11.920 +0.287 — —

75. 9.25	3	20 25 52.836	28 25 3.43	†

11431 9.1 2.4880 +0.0021 +11.925 +0.287 28°3778

73. 9. 1	3	20 25 56.842	28 31 22.52	− 1′
74. 9.24	3	56.748	21.55	
74.10.12	3	57.044	22.08	
75. 8.18	2	56.997	23.29	
86. 9. 1	7	56.877	22.50	
86. 9. 8	7	56.885	22.05	

11432 9.0 2.4889 +0.0020 +11.932 +0.287 28°3779

73. 9. 1	3	20 26 3.123	28 29 50.10	
74. 9.24	3	3.147	50.83	
74.10.12	3	3.224	49.85	
75. 8.18	3	3.207	52.10	
76. 9. 1	3	3.014	51.52	
86. 8.30	7	3.187	50.93	

11433 8^{m}6 2^{s}5675 +0^{s}0015 +11″937 +0″296 25°4270

75. 9. 6	3	20^{h}26^{m} 6^{s}803	25° 9′ 60″18	
76. 8.21	2	6.768	58.91	
77. 9.11	3	6.890	59.52	
81.10.19	3	6.879	59.09	
86. 9. 7	5	6.910	60.15	
88. 9.19	7	6.886	60.28	

11434 8.3 2.4693 +0.0020 +11.939 +0.284 29°4070

72.10.28	3	20 26 8.829	29 18 25.84	
74. 9.28	3	8.791	25.72	
75. 9.29	3	8.815	26.98	
86. 9.29	5	8.838	27.71	

11435 8.8 2.4967 +0.0019 +11.943 +0.287 28°3780

72. 8.17	3	20 26 11.755	28 11 8.74	
72. 8.20	3	11.847	8.39	
73. 9.11	3	11.802	9.28	
75.10. 6	3	11.945	10.78	
76.10.11	3	11.713	9 39	
86.10. 4	7	11.615	10.22	

11436 9.0 2.5484 +0.0016 +11.947 +0.294 25°4271

73. 9.22	2	20 26 15.676	26 0 22.83	
92. 9.12	7	15.556	23.43	

11437 Not found on revision: not found on Oxford photograph 92.9.17: the Z.C. place is 1′ wrong: see appendix 11437^{a}

11438 9.2 2.4973 +0.0019 +11.954 +0.287 — —

73. 9.11	3	20 26 21.292	28 10 30.07	
75.10. 6	3	21.075	29.98	
76.10.11	2	21.172	29.80	

11439 9.4 2.5397 +0.0016 +11.967 +0.292 26°3920

72. 8.27	3	20 26 33.101	26 23 61.76	
72. 9.18	2	33.068	59.18	
76. 9.21	2	33.088	60.79	
78. 9.13	3	33.191	60.53	

11440 8.2 2.5344 +0.0017 +11.969 +0.291 26°3921

74. 9. 9	3	20 26 34.614	26 37 44.33	ft.
74.10.19	3	34.707	44.26	Z.C.δ 44″9
77.10. 3	3	34.678	44.72	
77.10.20	2	34.833	43.67	
79. 9.15	3	34.766	45.46	
79.10. 1	3	34.607	45.07	
79.10.25	3	34.673	44.96	
80. 9. 7	3	34.642	46.39	
80. 9.29	3	34.786	45.05	
80.10. 1	3	34.619	44.73	
80.10. 1	2	34.779	45.74	

11441 9.2 2.5126 +0.0019 +11.970 +0.289 27°3776

72. 8.12	3	20 26 35.245	27 33 11.02	
73. 9. 4	3	35.170	9.58	
74.10. 8	2	34.850	10.95	
76. 9.29	3	35.225	10.18	
78. 8.12	2	35.190	12.28	
81.10. 1	3	35.498	10.49	
90. 9.27	5	35.129	11.35	

11442 9.0 2.4611 +0.0021 +11.970 +0.283 29°4072

73. 9.12	2	20 26 35.256	29 40 30.86	Z.C.δ 31″5
73. 9.26	2	35.304	32.41	
76. 9.19	2	35.469	31.29	

11443 $7^{m}.5$ $2^{s}.4570$ $+0^{s}.0021$ $+11''.971$ $+0''.282$ $29^{\circ}4074$

73. 9.20	2	$20^{h}26^{m}36^{s}.263$	$29^{\circ}50'\,18''.48$	
74. 8.29	3	36.240	17.95	
76. 8.29	3	36.267	19.63	

11444 6.0 2.5633 +0.0015 +11.973 +0.296 $25^{\circ}4272$

72.10. 9	3	20 26 37.626	25 22 60.87	
75. 9.16	3	37.370	61.87	
75.10.25	3	37.354	60.13	
86.10. 6	5	37.475	59.93	

11445 9.3 2.5373 +0.0017 +11.977 +0.292 — —

80. 9.13	3	20 26 41.057	26 30 48.45	†

11446 8.4 2.5739 +0.0015 +11.980 +0.295 $24^{\circ}4157$

74. 9.14	3	20 26 43.705	24 55 46.68	Z.C. Ep. 80.7
75.10.11	3	43.775	46.78	
78.10.25	2	43.740	47.79	
81.10.15	3	43.818	46.62	
84. 9.10	7	43.625	47.03	
84. 9.11	7	43.741	46.04	
84. 9.12	7	43.731	45.98	-10^{s}

11447 8.6 2.5342 +0.0017 +11.981 +0.291 $26^{\circ}3922$

74.10.19	2	20 26 45.135	26 39 10.22	
77.10. 3	2	45.008	9.97	
79. 9.15	3	45.057	11.31	
79.10.25	3	44.964	9.82	
80. 9. 7	3	44.963	12.85	

11448 9.5 2.5132 +0.0018 +11.983 +0.288 — —

73. 9.23	3	20 26 46.112	27 32 33.71	†

11449 9.4 2.5667 +0.0015 +11.983 +0.295 $25^{\circ}4273$

72. 9.12	3	20 26 46.519	25 14 56.43	
73. 9.25	3	46.287	56.84	
75. 9. 9	3	46.371	56.32	
79.10. 9	3	46.696	55.86	
79.10.16	3	46.616	54.40	
79.10 20	3	46.514	56.50	
84.10.22	5	46.527	56.08	

11450 9.5 2.5087 +0.0019 +11.987 +0.288 $27^{\circ}3779$

90. 9.16	7	20 26 49.886	27 44 5.07	†

11451 9.0 2.4763 +0.0020 +11.987 +0.284 $29^{\circ}4075$

72. 9. 5	2	20 26 50.310	29 4 30.46	
74. 8.29	3	49.923	29.47	
74. 9. 4	3	50.063	29.98	
75. 9. 1	3	50.032	30.83	
75. 9.14	3	50.150	29.59	
75. 9.29	3	49.986	31.10	
77. 8.28	3	50.084	30.60	
80. 9. 3	3	50.263	31.05	
86. 9.22	7	50.121	30.16	

11452 9 4 2.5320 +0 0018 +12.012 +0.291 — —

81. 9.30	3	20 27 11.234	26 46 44.00	†Z.C. δ $44''.0$

11453 8.2 2.5247 +0.0018 +12.012 +0.290 $27^{\circ}3780$

72. 9. 6	1	20 27 11.418	27 5 26.96	$+5'$
72. 9.20	3	11.247	26.39	Z.C. α $11^{s}.27$
75. 9. 3	3	11.354	26.83	
75. 9. 7	3	11.332	26.59	
75. 9.20	3	11.133	26.58	$-1'$
76. 8.25	3	11.163	25.95	
85. 9.26	7	11.260	26.18	

11454 $9^{m}.3$ $2^{s}.5324$ $+0^{s}.0018$ $+12''.016$ $+0''.291$ $26^{\circ}3926$

76. 9.23	3	$20^{h}27^{m}14^{s}.199$	$26^{\circ}45'\,44''.43$	
76.10. 4	3	14.368	44.14	
78. 9.13	3	14.290	44.26	
78.10.11	3	14.166	45.81	
78.10.24	3	14.501	44.10	

11455 9.5 2.5469 +0.0017 +12.032 +0.292 $26^{\circ}3927$

79.10.15	3	20 27 28.061	26 9 31.12	†

11456 8.1 2.4884 +0.0020 +12.034 +0.285 $28^{\circ}3786$

72. 8.14	3	20 27 30.277	28 37 48.75	
72. 8.20	2	30.068	48.05	
81.10.15	3	30.316	47.58	
85.10.26	5	30.159	48.84	
85.10.29	5	30.201	48.84	

11457 7.1 2.5324 +0.0018 +12.039 +0.290 $26^{\circ}3928$

72. 8.27	3	20 27 34.557	26 47 17.08	
74 10. 3	3	34.450	16.25	
76. 9.20	3	34.596	16.57	
85.10. 1	5	34.489	16.10	
85.10. 3	7	34.393	15.68	

11458 8 4 2.4890 +0.0020 +12.045 +0.285 $28^{\circ}3787$

72. 8.20	1	20 27 39.561	28 37 5.22	Z.C. α $39^{s}.48$
73. 9. 1	3	39.408	7.24	Z.C. Ep. 74.0
75.10. 6	2	39 481	7.08	

11459 9.0 2.4896 +0.0020 +12.045 +0.285 — —

75.10. 6	1	20 27 39.521	28 35 39.69	†

11460 9.0 2.4569 +0.0021 +12.048 +0.281 $29^{\circ}4078$

72.10.28	2	20 27 41.550	29 55 53.90	
73. 9.12	2	41.595	54.12	
73. 9.26	3	41.502	54.79	
75. 8.26	3	41 500	54.24	
79.10.20	3	41.502	55.07	
81.10. 5	3	41.583	54.00	

11461 8.9 2.5706 +0.0015 +12.050 +0.295 $25^{\circ}4277$

72.10. 9	3	20 27 43.710	25 8 40.53	
73. 9. 8	3	43.674	41.42	
75. 8.23	3	43.586	40.55	
75 9.18	3	43.549	41.74	
75.10.25	3	43.553	40.29	

11462 9.4 2.5130 +0.0019 +12.055 +0 287 $27^{\circ}3781$

72. 7.30	3	20 27 48.205	27 37 42.04	
81.10. 1	3	48.269	43.19	

11463 9.5 2.5151 +0.0019 +12.056 +0.287 $27^{\circ}3782$

72. 8.31	3	20 27 49.172	27 32 32.58	
73. 9.23	3	48.971	31.74	

11464 9.4 2.4935 +0.0019 +12.059 +0.285 $28^{\circ}3789$

76. 9. 1	2	20 27 51.172	28 26 49.61	†

11465 8.6 2.4937 +0.0019 +12 060 +0.285 $28^{\circ}3790$

72. 8.17	3	20 27 51.983	28 26 18.85	
74. 9.22	3	52.002	19.17	
74.10.12	3	52.087	19.71	
75. 9.25	2	51.977	19.62	
76. 9. 1	2	52.111	19.99	

11466 $8^m.7$ $2^s.5275$ $+0^s.0018$ $+12''.072$ $+0''.289$ 26°3930

72. 9.18	3	$20^h 28^m 2^s.235$	27° 1′ 53″.07	
74.10.19	2	2.158	53.25	
76. 9.23	3	2.194	54.17	

11467 9.4 2.5393 +0.0018 +12.072 +0.290 — —

79. 9.24	3	20 28 2.397	26 31 47.33	
79. 9.25	3	2.523	47.22	
80. 9.13	3	2.742	49.04	

11468 9.4 2.5386 +0.0018 +12.075 +0.290 26°3931

76. 9.20	3	20 28 5.206	26 33 47.69	
76. 9.21	3	4.907	47.57	
79. 9. 8	3	5.170	46.59	
79.10. 1	3	5.051	48.41	
79.10.16	3	5.110	46.78	
80. 9.29	3	5.035	49.04	
86. 9.30	5	4.977	48.10	

11469 9.2 2.5035 +0.0019 +12.078 +0.286 27°3783

80.10.14	3	20 28 8.207	28 3 15.42	
81.10. 8	3	8.023	14.57	
81 10.17	3	8.153	14.09	
81.10.19	3	8.037	14.35	

11470 7.5 2.4784 +0.0020 +12.084 +0.284 29°4080

72. 9. 5	3	20 28 12.811	29 5 57.19	
73. 9.20	3	12.832	57.35	
75. 9.14	3	12.856	56.56	
76. 8.29	3	12.872	57.20	
80. 9. 3	3	12.978	56.63	
86.10.19	5	12 947	56.55	w. 5, 6, 7 + 10^s
86.11. 1	7	12.917	54.89	[+ 4′

11471 8.4 2.5653 +0.0016 +12.088 +0.294 25°4280

73. 9 25	2	20 28 16.449	25 24 38.36	
74.10. 7	3	16.426	36.78	
75. 9. 6	3	16.530	37.52	
75.10.11	3	16.509	36.70	
76. 8.21	3	16.511	37.25	
86. 9.10	5	16.563	36.60	
88. 9.20	5	16.470	37.90	

11472 8.0 2.5646 +0.0016 +12.089 +0.294 25°4281

72. 9.12	3	20 28 16.917	25 27 2.54	
73. 9.25	1	16.898	3.87	
75. 9. 6	2	17.010	2.72	
75.10.11	2	16.789	2.36	
76. 8.21	1	16.941	2.38	
85.10.16	5	16.844	4.26	

11473 8.6 2.4723 +0.0020 +12.092 +0.283 29°4082

74. 9. 4	3	20 28 19.706	29 21 24.64	
75. 8.26	3	19.625	24.66	
75. 9. 1	3	19.692	24.02	
75.10. 7	3	19.791	24.49	
86. 9.29	5	19.784	25.00	

11474 9.2 2.4766 +0.0020 +12.093 +0.283 29°4081

84. 9.18	7	20 28 20.506	29 11 3.73	v. ft.
84. 9.20	7	20.457	3.25	

11475 $9^m.2$ $2^s.5197$ $+0^s.0018$ $+12''.097$ $+0''.288$ 27°3785

81.10. 5	3	$20^h 28^m 23^s.876$	27° 23′ 27″.47	
84. 9.22	2	23.668	25.60	clds. bad
84. 9.25	5	23.868	26.44	

11476 9.4 2.5167 +0.0019 +12.103 +0.287 27°3786

72. 8.12	3	20 28 29.404	27 31 46.05	
75. 9. 3	3	29.462	45.15	
76. 8.25	3	29.443	44.62	− 5′
81. 9.30	3	29.539	44.51	
81. 9.30	1	29 589	46.10	
85. 9.24	7	29.304	45.05	

11477 7.7 2.5187 +0.0018 +12.104 +0.287 27°3788

73. 9. 4	3	20 28 30.005	27 26 43.08	
75. 9.20	1	30.209	42.68	
84.10. 4	5	30.131	43.14	
84.10.13	5	30.147	43.37	

11478 8.4 2.5126 +0.0019 +12.105 +0.287 27°3787

72. 9.20	3	20 28 31.636	27 41 55.24	§ c. d. f.
74.10. 8	3	31.262	58.59	c. d. s. f.
75. 9.20	3	31.293	59.60	c. d. s. f.
88. 9.13	7	31.223	60.65	c. d. m.

11479 9.4 2.5399 +0.0018 +12.107 +0.290 — —

72. 8.27	3	20 28 32.935	26 32 29.26	
74.10. 3	1	33.067	28.90	

11480 8.5 2.5710 +0.0016 +12.111 +0.294 25°4284

72.10. 9	3	20 28 36.447	25 11 23.45	
74. 9.14	3	36.447	24.04	
75. 9.16	3	36.388	25.21	
75.10.25	3	36.427	22.51	
78.10.25	2	36.421	24.31	− 1 int. w. 4
86. 9. 7	7	36.454	24.53	[+ 5^s

11481 9.3 2.5653 +0.0016 +12.121 +0.293 25°4287

74.10. 7	3	20 28 44.273	25 27 1.78	Z.C. δ 2″.0
81.10. 1	3	44.362	2.22	

11482 9.2 2.5709 +0.0016 +12.122 +0.293 25°4288

75. 9.16	3	20 28 45.328	25 12 17.85	−1′
75. 9.18	3	45.366	17.53	−2°
77. 9.11	3	45.380	17.44	Z. C. δ 17″.4
78.10.25	1	45.402	17.42	
86. 9.17	5	45.365	16.88	

11483 8.4 2.4756 +0.0021 +12.125 +0.282 29°4085

72.10.28	3	20 28 48.172	29 15 34.06	−5′
73. 9.20	2	48.283	34.17	Z.C. α $48^s.17$
73. 9.26	3	48.087	33.46	
74. 9.28	3	48.172	33.70	
75. 9.14	3	48.093	32.79	
86.10. 6	5	48.186	33.37	− 1^s

11484 9.1 2.5127 +0.0019 +12.138 +0.287 27°3792

84.10.22	7	20 28 59.285	27 44 12.77	
84.10.23	5	59.438	10.12	
84.10.24	5	59.166	11.75	

11485 9.4 2.5159 +0.0019 +12.148 +0.287 27°3793

72. 9. 6	2	20 29 7.654	27 36 41.95	Z.C. α $7^s.69$
87.10.10	5	7.829	40.13	
93.10.18	7	7.594	38.54	

11486 $9^{m}.0$ $2^{s}.4995$ $+0^{s}.0020$ $+12''.154$ $+0''.285$ 28°3794

72. 8.14	3	$20^{h}29^{m}13^{s}.670$	28° 18′ 21″.47	
74.10.12	3	13.382	21.29	
75. 8.18	3	13.410	23.12	

11487 9.1 2.4672 +0.0022 +12.155 +0.281 — —

84. 8.19	7	20 29 13.837	29 38 28.33	†

11488 9.3 2.5247 +0.0019 +12.157 +0.288 27°3794

75. 9. 3	3	20 29 15.818	27 14 41.97	$+5^{s}$.
77. 8.29	3	15 826	41.87	Z.C. α $15^{s}.82$ Z.C. δ 41″.9

11489 8.5 2.5149 +0.0019 +12.162 +0.287 27°3796

72. 8.31	3	20 29 20.038	27 40 8.30	Z.C. δ 8″.0
72. 9.20	2	19.769	7.10	
74.10. 8	3	19.868	8.55	
77. 8 16	3	19.961	7.34	
78. 8.12	3	19.899	9.64	
78. 9.10	3	19.848	7.18	

11490 9.0 2.5525 +0.0017 +12.164 +0.291 25°4289

72. 9.12	2	20 29 21.788	26 3 24.80	Z.C. δ 25″.0
77. 8.21	3	21.739	24.08	
85. 9.21	5	21.651	26.14	

11491 9.2 2.4858 +0.0021 +12.165 +0.283 28°3796

73. 9. 1	3	20 29 22.527	28 53 11.83	
74. 9.22	3	22.731	12.18	
76. 9. 1	3	22.752	12.03	
85. 9.14	5	22.709	12.48	
86.10. 4	5	22.610	11.86	

11492 9.1 2.4817 +0.0021 +12.172 +0.282 28°3798

72. 9. 5	1	20 29 28.686	29 3 56.70	Z.C. δ 56″.8
74.10.28	3	28.860	56.77	
75.10. 7	3	28.763	56.45	
79.10. 9	1	28.690	56.99	
81. 9. 9	3	28.892	56.86	

11493 9.4 2.5731 +0.0016 +12.179 +0.293 25°4291

72.10. 9	2	20 29 35.146	25 10 17.87	
77.–9 11	3	35.190	17.63	

11494 9.4 2.4712 +0.0022 +12.182 +0.281 29°4087

73. 9.12	3	20 29 37.212	29 30 10.75	+ 1′
75. 9.29	3	37.257	12.20	
79. 9. 8	3	37.423	10.57	
79.10. 9	3	37.330	10.52	
79.10.10	3	37.289	11.01	
79.10.15	3	37.317	9.38	
80. 9. 7	3	37.524	10.65	
80. 9.29	3	37.317	11.50	

11495 8.7 2.5048 +0.0020 +12.184 +0.285 28°3799

72. 8.17	3	20 29 38.612	28 7 5.32	
72. 8.20	3	38.823	3.50	
73. 9. 1	2	38.601	5.19	
73. 9.11	3	38.743	5.07	

11496 9.2 2.4854 +0.0021 +12.184 +0.282 28°3800

81.10.19	3	20 29 39.339	28 55 22.17	
85. 9.15	5	39.075	22.80	
85. 9.22	5	39.140	23.21	

11497 $8^{m}.1$ $2^{s}.5087$ $+0^{s}.0020$ $+12''.202$ $+0''.285$ 27°3799

72. 8.12	3	$20^{h}29^{m}55^{s}.027$	27° 58′ 33″.98	
73. 9. 4	3	55.014	33.96	
73. 9.23	3	54.961	32.22	
73. 9.23	2	55.191	32.80	

11498 8.9 2.4700 +0.0022 +12.205 +0.280 29°4091

73. 9.26	3	20 29 57.463	29 35 5.48	
76. 9.19	3	57.524	5.17	
79. 9.15	3	57.350	5.06	?c. d.
79. 9.24	3	57.459	5.52	
79.10.16	3	57.624	5.61	
85. 9.26	5	57.426	4.93	

11499 7.7 2.4643 +0.0022 +12.207 +0.280 29°4092

73. 9.20	3	20 29 59.330	29 49 22.58	
75. 8.26	3	59.224	22.75	
79. 9.27	3	59.222	22.41	
79.10. 1	3	59.174	21.81	
80. 9.13	2	59.554	22.95	

11500 8.9 2.4582 +0.0022 +12.208 +0.279 30°4087

75.10. 7	1	20 30 0.113	30 4 4.04	
85.10.29	5	0.000	3.50	
86. 9.22	5	0.138	3.85	
92. 9.12	6	0.146	4.56	

11501 9.3 2.4730 +0.0021 +12.212 +0.281 — —

77. 8.28	3	20 30 2.955	29 28 7.55	† Z.C. δ 7″.6

11502 9.0 2.4611 +0.0022 +12.214 +0.279 29°4094

73. 9.12	2	20 30 5.184	29 57 22.72	
79.10.10	3	5.178	23.73	
79.10.20	3	5.157	22.75	
80. 9. 8	3	5.052	24.43	
80. 9.13	3	5.541	25.06	§

11503 9.4 2.5732 +0.0016 +12.217 +0.292 25°4292

73. 9.22	2	20 30 7.768	25 12 32.45	
74.10. 7	3	7.919	31.78	
81.10. 5	3	7.951	32.58	

11504 9.1 2.4679 +0.0022 +12.221 +0.280 29°4095

84. 9.10	7	20 30 11.112	29 41 33.42	$+1^{m}$
84. 9.12	7	11.294	32.87	

11505 9.2 2.5750 +0.0016 +12.222 +0.293 25°4294

73. 9.25	3	20 30 11.857	25 8 4.53	
85.10. 1	5	11.799	4.70	
86. 8.30	5	11.862	5.33	
86. 9. 8	5	11.824	4.45	

11506 8.2 2.5271 +0.0019 +12.224 +0.287 27°3800

72. 7.30	3	20 30 13.418	27 13 4.69	
73. 9. 4	2	13.235	6.16	
77. 8.29	3	13.128	5.22	

11507 9.2 2.5676 +0.0016 +12.227 +0.292 25°4296

85.10. 3	5	20 30 16.375	25 27 42.74	
85.10 16	5	16.233	43.83	

11508 9.5 2.5793 +0.0016 +12.232 +0.293 24°4182

86. 9.29	7	20 30 20.931	24 57 8.66	
86. 9.30	7	20.816	9.15	
88. 9.20	7	20.949	7.79	+ 5′

11509 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.4850$ $+0^{\mathrm{s}}.0021$ $+12''.242$ $+0''.282$ 28°3804

72.10.28	3	$20^{\mathrm{h}}30^{\mathrm{m}}28^{\mathrm{s}}.891$	29° 0′ 40″.24	
74.10.28	2	28.874	39.46	
84. 9. 2	7	29.076	40.11	
84. 9.11	7	28.854	39.54	
84. 9.25	7	28.984	39.82	

11510 8.2 2.5774 +0.0016 +12.245 +0.292 24°4183

72 9.12	3	20 30 31.633	25 2 49.41	
76. 8.21	3	31.537	50.34	
79. 9. 8	3	31.569	50.16	
79. 9.27	3	31.634	51.82	
81. 9. 9	3	31.628	51.15	
90. 9.30	5	31.561	49.42	

11511 9.0 2.5373 +0.0019 +12.248 +0 288 26°3935

72. 8.27	3	20 30 34.392	26 48 36.83	
72. 9.18	3	34.453	36.57	
74.10. 3	3	34 387	37.15	
75. 9.17	3	34.325	37.35	

11512 9.1 2.5487 +0.0018 +12.250 +0.289 26°3936

81 10.19	3	20 30 36 132	26 19 4.29	
84.10. 4	7	35.976	4.87	
84.10 13	5	36.318	4.37	w. 5 − 1^{s}

11513 9.0 2.5267 +0.0019 +12.255 +0.286 27°3803

72. 9. 6	3	20 30 40.210	27 16 38.71	
72. 9.30	3	40.260	39.19	
74.10. 8	3	40.135	39.59	
75. 9.20	3	40.186	39.30	
78. 9.10	3	40.121	40.67	+ 1^{m}
78. 9.10	2	40.001	39.15	

11514 8.7 2.5011 +0.0020 +12.260 +0.283 28°3805

72. 8.14	3	20 30 44.741	28 21 43.12	
73. 9 11	3	44.602	42.88	
74.10.12	3	44.785	42.95	
75.10. 6	3	44 658	43.75	

11515 7.1 2.5688 +0.0017 +12.262 +0.291 25°4299

73. 9.25	3	20 30 46.894	25 27 0.57	
75.10.25	3	46.920	0.19	
84. 9.17	7	46.897	0.24	

11516 8.6 2.4617 +0.0022 +12.264 +0.279 29°4097

73. 9 26	2	20 30 48.615	29 59 32.00	Z.C. Ep. 77.9
75. 8.26	3	48.533	31.95	
75. 9.29	3	48.500	32.97	
77. 8.28	3	48.473	32.79	clds.
86. 9.15	5	48.565	30.97	

11517 9.0 2.5632 +0.0017 +12.264 +0.290 25°4300

75. 9. 6	3	20 30 48.663	25 41 51.79	Z.C. δ 51″.9
75.10.11	3	48.767	51.80	
77. 8.21	3	48.702	51.59	
79.10. 9	2	48.829	52.31	
82. 8.30	2	48.720	52.17	
86.10. 6	5	48.797	51.93	

11518 9.4 2.4856 +0.0021 +12.277 +0.281 28°3807

74. 9.22	3	20 30 59.365	29 1 52.62	
75. 8.18	2	59.473	54.87	
75.10. 6	3	59.372	52.85	

11519 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.5578$ $+0^{\mathrm{s}}.0017$ $+12''.288$ $+0''.289$ 25°4301

73. 9.22	3	$20^{\mathrm{h}}31^{\mathrm{m}}\ 8^{\mathrm{s}}.920$	25° 57′ 49″.27	
74.10. 7	3	9.012	47.81	
75. 9. 6	3	8.977	48.27	
76 9.23	3	8.996	48.46	
76.10. 4	3	9.101	49.02	s.f of 2
79. 9.15	3	9.178	48.38	
79.10. 1	3	8.951	48.32	
80. 9.13	2	9.236	49.75	
80. 9.29	3	9.009	48.84	
82. 9.21	3	9.049	48.97	− 1^{m}
83. 8.20	7	9 044	48.64	
83. 8.21	7	9.013	49.42	

11520 9.1 2 4882 +0.0021 +12.288 +0.281 28°3808

73. 9. 1	3	20 31 9.227	28 56 7.29	
76. 8.25	3	9.334	7.14	
86. 9 7	7	9.287	7.32	
86. 9.17	5	9.205	6.91	
88. 9.13	5	9.309	8.49	

11521 9.2 2.5272 +0.0019 +12.289 +0.286 27°3806

84. 9.18	5	20 31 10.154	27 17 16.22	
84. 9.20	7	10.199	16.65	
84.10.24	7	10.190	17.04	
85. 9.21	5	10.277	17.85	
88. 9 21	5	10 316	16.77	

11522 9.2 2.5832 +0.0016 +12.290 +0.292 24°4187

81. 9.30	3	20 31 10.400	24 50 10.68	Z.C. δ 10″.4
85. 9.24	5	10.410	10.36	
87 9.28	7	10.703	10.19	

11523 8.1 2.5531 +0.0018 +12.292 +0.289 26°3937

74 10 3	3	20 31 12.899	26 10 16.47	
74.10.19	3	13.006	13.41	
76. 9.20	3	12.929	16.33	ft.
76. 9.21	3	12.690	15.48	
77.10.20	3	12.906	14.48	
78. 9.13	3	12.925	17.29	
78.10.11	3	12.860	16.55	

11524 9.0 2.5165 +0.0020 +12.295 +0.285 27°3807

72. 8.12	3	20 31 15.331	27 45 13.58	
72. 8.31	3	15.117	13.68	
75. 9. 3	3	15.109	13.22	
75. 9.20	3	15.104	13.03	

11525 8.7 2.4924 +0.0021 +12.300 +0.282 28°3810

72. 8.17	3	20 31 19.313	28 46 26.51	+ 1′
72. 8.20	3	19.442	26.24	
74.10.12	3	19.441	28.08	

11526 9.4 2.5297 +0.0019 +12.309 +0.286 27°3808

81. 9.30	3	20 31 27.224	27 12 19.26	
87.10.10	5	27.471	18.28	
90.10.13	7	27.207	17.46	
92. 9.14	7	27.333	18.76	

11527 9.0 2.5226 +0.0020 +12.316 +0.285 27°3809

72. 7.30	3	20 31 33.724	27 30 53.49	Z.C. δ 54″.7
72. 9.20	3	33.570	55.08	
77. 8.29	2	33.425	55.39	

11528 $9^{m}.4$ $2^{s}.5126$ $+0^{s}.0020$ $+12''.316$ $+0''.283$ 27°3810

73. 9. 4	3	$20^{h}31^{m}33^{s}.786$	27° 56′ 35″.41	
73. 9.23	3	33.890	34.99	
78. 8.12	3	33.865	36.18	

11529 8.7 2.5430 +0.0019 +12.322 +0.287 26°3938

72. 8.27	3	20 31 38.775	26 38 40.44	
72. 9.18	3	38.973	39.08	
76. 9.21	3	38.765	39.61	
78.10.11	3	38.937	39.31	

11530 9.5 2.5130 +0.0020 +12.325 +0.283 — —

72. 9.30	3	20 31 41.479	27 56 8.80	†

11531 9.3 2.4870 +0.0022 +12.327 +0.280 28°3811

74.10.28	3	20 31 42.995	29 1 48.65	
85. 9.14	6	42.969	49.39	
85. 9.15	7	42.902	49.28	
90.10. 2	7	43.182	47.91	

11532 9.4 2.5797 +0.0017 +12.328 +0.291 24°4191

85. 9.26	5	20 31 43.586	25 2 19.69	
85.10. 7	5	43.627	19.63	
86.10. 4	5	43 634	20.58	
88.10.15	5	43.779	20.12	-5^{s}

11533 6.0 2.5573 +0.0018 +12.329 +0.289 25°4302

72. 9.12	3	20 31 44.831	26 1 40.23	
73. 9.25	3	44.571	40.83	
75.10.11	3	44.688	40.00	

11534 9.2 2.5100 +0.0020 +12.331 +0.283 28°3812

85. 9.22	7	20 31 46.175	28 4 3.77	
86. 9.22	5	46.239	4.00	
90.10. 4	7	46.495	3.80	
90.10. 8	7	46.340	4.20	

11535 9.2 2.4851 +0.0022 +12.333 +0.280 29°4105

86. 8.30	5	20 31 47.814	29 7 3.95	
87.10.15	5	48.108	2.33	

11536 9.3 2.4634 +0.0023 +12 335 +0.278 29°4103

86. 9. 8	5	20 31 50.082	30 0 36.17	− 1 int.
86.10. 5	5	50.125	36.26	
90.10.10	7	50.042	37.40	

11537 8.9 2.5596 +0.0018 +12.344 +0.289 25°4304

74.10. 7	3	20 31 57.528	25 56 44.55	
76. 8.21	3	57.433	44.58	

11538 9.4 2.5001 +0.0021 +12.345 +0.282 28°3814

73. 9.11	3	20 31 58.566	28 30 5.04	
74. 9.22	3	58.768	4.62	
74 10.12	1	58.739	4.51	§

11539 9.5 2.5214 +0.0020 +12.347 +0.284 27°3811

82.10. 2	3	20 31 59.950	27 36 11.54	
85.10.16	5	60.090	12.76	

11540 9.5 2.4614 +0.0023 +12.348 +0.278 30°4101

81.10. 5	3	20 32 1.145	30 6 21.55	† ex. ft.

11541 $9^{m}.3$ $2^{s}.5140$ $+0^{s}.0020$ $+12''.353$ $+0''.283$ 27°3812

73. 9.23	1	$20^{h}32^{m}$ $5^{s}.050$	27° 55′ 35″.66	
85.10. 1	5	5.105	35.02	
85.10. 3	5	5.340	34.62	

11542 8.9 2.5684 +0.0018 +12.365 +0.290 25°4305

73. 9.22	3	20 32 15.982	25 34 43.17	
75.10.11	2	16.088	42.00	
76. 9.20	3	15.976	43.31	− 1 int. ft.
77. 8.21	3	15.887	42.14	

11543 9.0 2.5278 +0.0019 +12.365 +0 285 27°3813

72. 8.12	3	20 32 16.213	27 21 3.80	
72. 8.31	3	16.097	4.00	
72. 9. 6	3	16 058	2.92	
75. 9.20	3	16.102	3.37	

11544 8.7 2.4762 +0.0023 +12.366 +0 279 29°4108

72. 9. 5	3	20 32 17.200	29 31 28.07	
72.10.28	3	17.080	27.64	
75. 8.26	3	17.076	28.72	
75. 9. 1	3	17.031	28.34	
75. 9.29	3	17.216	28.70	

11545 8.6 2.4635 +0.0023 +12.372 +0.278 29°4109

73. 9.12	3	20 32 21.869	30 3 7.34	
73. 9.26	2	21.792	7.25	
75.10. 7	3	22.011	7.52	

11546 8.5 2.4710 +0.0023 +12.374 +0.278 29°4110

73. 9.20	3	20 32 23.371	29 44 45.24	
79. 9. 8	3	23.441	42.78	
79. 9.27	3	23.364	44.71	
79.10.10	3	23.642	43.55	
80. 9. 7	3	23.684	45.20	
80. 9. 8	2	23.383	43.98	
81. 8.24	2	23.652	43.46	
82. 9.21	2	23.586	43.33	
84. 8.19	4	23.445	43.60	

11547 9.3 2.4966 +0.0022 +12.388 +0.281 28°3818

72. 8.17	3	20 32 35.822	28 41 57.13	
73. 9.11	3	36.118	56.93	
78.10.14	3	35.877	57.14	

11548 8.7 2.5623 +0.0018 +12.390 +0.288 25°4306

73 9 25	2	20 32 37.285	25 52 35.51	Z.C. δ 35″.0
75. 9. 6	2	37.428	34.48	
76 9.23	3	37.320	34.51	
76.10. 4	3	37 223	34.85	
78.10.25	3	37.450	35.48	− 1′
80. 9.13	3	37.692	35.55	
81. 9. 9	3	37.472	34.77	

11549 9.1 2.5068 +0.0021 +12.390 +0.282 28°3819

82.10. 2	3	20 32 38.012	28 16 33.39	
90.10. 1	5	37.956	32.84	

11550 9.4 2.5827 +0.0017 +12.391 +0.290 24°4201

86.10. 6	5	20 32 38.813	24 58 25.51	†

The B.D. α is 6^{s} greater

11551 8^{m}.0 2^{s}.4828 +0^{s}.0022 +12″.392 +0″.279 29°4112

72. 9. 5	2	$20^{h}\,32^{m}\,39^{s}.678$	29° 17′ 7″.47	
75.10. 7	3	39.779	6.85	
82. 8.30	3	39.628	7.68	

11552 9.3 2.4943 +0.0022 +12.395 +0.280 28°3820

87.10.21	5	20 32 42.215	28 48 25.48	
91. 9.28	7	42.098	24.70	

11553 8.0 2.5451 +0.0019 +12.399 +0.286 26°3941

72. 8.27	2	20 32 45.199	26 38 29.83	
72. 9.18	3	45.605	28.95	
78.10.11	3	45.453	30.25	

11554 9.2 2.4651 +0.0023 +12.400 +0.277 29°4114

86. 9.10	5	20 32 46.364	30 1 20.46	
88. 9.21	5	46.173	22.33	

11555 9.0 2.4773 +0.0023 +12.408 +0.278 29°4115

72.10.28	3	20 32 53.499	29 31 45.80	
92. 9.12	7	53.421	45.28	

11556 8.5 2.4795 +0.0022 +12.413 +0.279 29°4116

73. 9.12	3	20 32 57.774	29 26 44.63	
75. 9.29	3	57.889	46.23	
84. 9. 2	5	58.005	46.08	

11557 9.2 2.5119 +0.0021 +12.414 +0.282 28°3821

85. 9.24	5	20 32 58.200	28 5 18.23	†

11558 8.7 2.5792 +0.0017 +12.414 +0.290 25°4308

72. 9.12	3	20 32 58.609	25 9 13.32	
72.10. 9	3	58.864	12.93	

11559 9.3 2.5322 +0.0020 +12.414 +0.284 27°3814

73. 9. 4	1	20 32 58.886	27 13 2.75	
75. 9. 3	3	58.636	2.25	
85. 9.21	5	58.715	3.29	
86. 9.15	5	58.813	1.28	

11560 7.2 2.4627 +0.0023 +12.416 +0.277 30°4108

73. 9.26	2	20 33 0.409	30 8 24.12	
79.10. 9	3	0.424	23.70	
79.10.20	3	0.249	23.86	
84. 9.10	5	0.075	25.81	
84. 9.11	5	0.137	24.37	

11561 9.3 2.5687 +0.0018 +12.419 +0.289 — —

80. 9.18	3	20 33 2.942	25 37 38.68	†

11562 9.4 2.4976 +0.0022 +12.419 +0.281 28°3822

73. 9. 1	3	20 33 3.139	28 41 48.47	
75. 8.18	3	3.187	48.34	
75.10. 6	2	3.153	49.36	
76. 9. 1	3	3.315	48.17	
78.10.14	3	3.243	48.81	

11563 9.2 2 5245 +0.0020 +12.435 +0.283 27°3815

86. 9.11	5	20 33 17.188	27 34 24.22	
86. 9.17	5	16.989	23.59	

11564 9^{m}.3 2^{s}.4836 +0^{s}.0022 +12″.436 +0″.279 29°4117

73. 9.20	3	$20^{h}\,33^{m}\,18^{s}.019$	29° 18′ 21″.43	
79. 9.15	3	18.294	21.44	
79. 9.27	3	18.032	21.09	
79.10. 1	2	18.151	20.80	
80. 9. 8	1	18.101	22.48	
86.10. 4	5	18.077	22.13	

11565 9.5 2.4831 +0.0022 +12.437 +0.279 29°4118

79. 9.15	2	20 33 18.762	29 19 27.51	
88. 9.13	7	18.578	29.05	

11566 9.3 2.4979 +0.0022 +12.439 +0.281 28°3823

72. 8.14	3	20 33 20.827	28 42 23.67	
73. 9.11	3	20.658	22.42	
75.10. 6	2	20.623	24.16	
76. 9. 1	3	20.644	24.17	
85.10. 5	5	20.610	24.43	
85.10. 7	5	20.612	23.05	
90.10.18	7	20.496	23.43	

11567 9.3 2.4836 +0.0022 +12.439 +0.279 29°4119

79.10. 1	2	20 33 20.663	29 18 30.98	−1′
80. 9. 8	2	20.681	32.97	
87.10.10	4	20.833	30.28	

11568 8.1 2.5807 +0.0017 +12.440 +0.290 25°4310

72.10. 9	2	20 33 21.966	25 6 46.22	Z.C. α 21^{s}.73
73. 9.22	3	21.667	47.14	
75. 9. 6	3	21.738	45.95	
76. 9.20	3	21.711	47.27	
76. 9.21	3	21.582	46.97	
78.10.25	2	21.753	47.18	
81. 8.24	2	21.838	46.36	
82. 8.30	3	21.612	46.16	

11569 9.3 2.5185 +0.0021 +12.444 +0.282 27°3816

84. 8.19	4	20 33 25.417	27 50 30.89	
85. 9.26	5	25.025	31.92	

11570 9.3 2.5204 +0.0021 +12.446 +0.283 27°3818

72. 7.30	3	20 33 26.577	27 45 41.61	Z.C. δ 43″.2
72. 8.31	3	26.370	43.71	
72. 9.20	3	26.456	43.04	
72. 9.30	3	26.550	43.43	
75. 9.20	3	26.395	42.89	
76. 8.25	3	26.548	43.43	
77. 8.29	3	26.405	42.75	
78. 8.12	3	26.396	44.06	
81.10. 5	3	26.625	43.67	

11571 8.8 2.5553 +0.0018 +12.457 +0.286 26°3943

74.10. 3	3	20 33 35.950	26 15 40.54	
78. 9.13	3	35.956	41.69	
78.10.24	3	35.964	40.54	

11572 6.5 2.4703 +0.0023 +12.473 +0.276 29°4121

72. 9. 5	2	20 33 50.967	29 53 50.47	
74. 8.29	3	50.773	49.80	−1′
75. 8.26	3	50.835	51.22	
75. 9.14	3	50.771	49.14	

11573	$7^{m}.2$	$2^{s}.5702$	$+0^{s}.0018$	$+12''.483$	$+0''.288$	25°4312
74.10. 7	3	$20^{h}33^{m}59^{s}.272$		$25°37'54''.19$		
75. 9.18	3	59.189		54.33		
75.10.11	2	59.275		52.96		
80. 9.18	2	59.199		54.43		
11574	9.4	2.5741	+0.0017	+12.485	+0.288	25°4313
76.10 4	3	20 34 1.036		25 27 46.21		Z.C.δ 46″.0
77. 9.11	3	0.965		44.99		
79. 9. 8	2	1.072		46.48		
79.10.10	3	1.244		45.39		
81. 9. 9	2	1.354		46.76		
83 8.25	3	1.207		46.23		-1^{m}
11575	9.5	2.5795	+0.0017	+12.486	+0.289	25°4314
85.10. 1	5	20 34 1.896		25 13 12.33		
85.10. 3	5	1.888		13.29		
11576	9.2	2.5743	+0.0017	+12.490	+0.288	25°4315
74.10. 7	2	20 34 5.084		25 27 25.11		Z.C.δ 25″.3
76.10. 4	3	5.035		25.32		
79. 9. 8	2	5.040		24.68		
79.10 10	3	5.022		25.15		
81. 9. 9	2	5.111		26.42		
82. 9.21	1	5 078		24.88		
83. 8.25	2	5.015		25.37		
11577	8.0	2.5006	+0.0022	+12.492	+0.280	28°3828
72. 8.14	3	20 34 6.613		28 39 31.81		
72. 8.17	3	6.440		33.08		
72. 9.11	2	6.700		32.39		
75.10. 6	2	6.496		33.02		
11578	9.0	2.5088	+0.0021	+12.495	+0.281	28°3829
73. 9. 1	3	20 34 9.996		28 18 56.76		
74. 9.24	3	9.984		56.27		
76. 9. 1	1	10.113		56.42		
11579	8.9	2.5579	+0.0019	+12.497	+0.286	26°3946
72. 9.18	3	20 34 11.104		26 11 34.85		
74.10. 3	3	10.918		36.08		
76. 9.23	2	10.985		35.12		
78.10.11	3	11.007		36.65		
11580	7.5	2.5565	+0.0019	+12.497	+0.286	26°3947
72. 8.30	3	20 34 11.453		26 15 24.93		
76. 9.20	3	11.502		26.31		
76. 9.21	3	11.503		25.24		
77. 9. 7	3	11.511		25.68		
78.10.24	2	11.471		25.36		
11581	8.0	2.5245	+0.0021	+12.500	+0.283	27°3820
72. 8.12	3	20 34 14.151		27 38 57.93		
72. 8.31	2	14.321		57.46		
72. 9. 6	3	14.251		57.53		
72. 9.20	3	14.184		55.94		
72. 9.30	3	14.377		56.09		
78. 9.10	2	14.338		57.47		
78. 9.10	2	14.198		56.67		
11582	9.4	2.5291	+0.0020	+12.502	+0.283	— —
75. 9.20	2	20 34 15.935		27 27 24.72		†
11583	$9^{m}.4$	$2^{s}.5516$	$+0^{s}.0019$	$+12''.502$	$+0''.285$	26°3948
85.10.16	5	$20^{h}34^{m}16^{s}.171$		$26°28'37''.81$		†
11584	8.8	2.5655	+0.0018	+12.506	+0.287	25°4316
73. 9.25	3	20 34 18.824		25 52 4.83		
75. 9.18	2	18.872		4.08		
79.10. 9	3	18.986		3.93		
82. 8.30	3	18.823		4.54		
11585	9.0	2.5201	+0.0021	+12.506	+0 282	27°3821
84. 9.12	7	20 34 19.270		27 50 50.61		
84. 9.25	5	19.372		51.19		
11586	8.7	2.5137	+0.0021	+12.511	+0.282	28°3833
74. 9.22	3	20 34 24.085		28 7 42.44		
74.10. 2	3	24.075		42.81		
74.10.28	3	23.987		41.44		
75. 9.25	3	23.859		42.50		
78.10.14	3	24.017		43.98		
11587	7.8	2.4675	+0.0023	+12.514	+0.276	29°4124
72.10.28	3	20 34 26.627		30 3 50.29		d. l.
73. 9.12	3	26.708		50.21		c. d. l.
75. 9. 1	3	26.512		51.69		
11588	9.1	2.5426	+0.0020	+12.515	+0.284	26°3951
85. 9.14	7	20 34 27.565		26 53 5.29		
85. 9.15	5	27.371		5.15		
85. 9.22	5	27.449		3.58		
11589	9.4	2.5271	+0.0021	+12.523	+0.283	27°3822
84. 9.17	5	20 34 34.306		27 34 7.22		
84. 9.20	5	34.266		6.73		
11590	8.8	2.5652	+0.0019	+12.528	+0.286	25°4318
72. 9.12	3	20 34 38.244		25 54 20.94		
73. 9.22	3	38.238		21.45		
75.10.11	3	38.317		19.48		
78.10.25	3	38.285		20.80		
11591	9.5	2.5353	+0.0020	+12.533	+0.283	— —
73. 9.23	3	20 34 43.393		27 13 36.90		†
11592	8.9	2.5442	+0.0020	+12.534	+0.284	26°3952
72. 8.27	3	20 34 44.061		26 50 15.20		
74.10.19	3	44.039		14.48		
80. 9. 7	3	44.041		15.06		
80. 9. 7	2	43.981		15.88		
80. 9.13	3	44.234		15.84		
82.10. 4	3	43.987		14.48		
11593	9.4	2.5140	+0.0021	+12.535	+0.281	28°3834
86. 9.10	5	20 34 44.586		28 8 41.86		
86.10. 6	5	44.345		42 62		
11594	9.0	2.4656	+0.0024	+12.537	+0.275	30°4128
72.10.28	2	20 34 46.052		30 10 23.13		
73. 9.20	3	46 083		23.38		
75. 9.29	3	46.142		24.10		
76. 8.29	3	46.018		24.14		
11595	9.5	2.5687	+0.0019	+12.538	+0.287	25°4319
86.10.19	5	20 34 47.522		25 45 48.53		†

11596	$9^{\mathrm{m}}.5$	$2^{\mathrm{s}}.5654$	$+0^{\mathrm{s}}.0019$	$+12''.540$	$+0''.286$	25°4321
92. 9. 5	6	$20^{\mathrm{h}}34^{\mathrm{m}}49^{\mathrm{s}}.534$	25° 54′ 44″.99			
92. 9.15	7	49.317	47.00			
11597	8.1	2.5490	+0.0020	+12.541	+0.285	26°3953
74. 9.15	3	20 34 50 003	26 38 3.20			
77.10.20	3	50.208	1.86			
78. 9.13	3	50.196	2.80			
78.10.24	2	50.209	2.80			
11598	8.8	2.5725	+0.0018	+12.543	+0.287	25°4323
76. 8.21	3	20 34 51.492	25 35 53.75			Z.C. δ 53″.1
81. 8.24	3	51.562	52.97			
83. 8.28	2	51.709	52.65			
11599	9.5	2 5571	+0.0019	+12.545	+0.285	— —
72. 9.18	2	20 34 53.219	26 16 57.54			†
11600	8.5	2.5782	+0.0018	+12.548	+0.288	25°4324
75. 8.23	3	20 34 56.052	25 20 50.71			Z.C. δ 51″.1
76.10. 4	1	55.873	51.33			
79.10. 9	3	56.238	50.38			
82. 8.30	1	56.347	50.99			
83. 8.28	2	55.984	51.91			
11601	9.1	2.4968	+0.0023	+12.554	+0.278	28°3839
84. 9.10	7	20 35 1.468	28 53 54.31			
84. 9.11	5	1 450	53.48			
85. 9.24	4	1.575	52.85			ft.
11602	9.0	2.4864	+0.0023	+12.558	+0.277	29°4128
84. 9. 2	7	20 35 5.130	29 20 17.38			
84.10 24	5	4.960	17.24			
86. 9.15	5	5.073	16.02			
11603	9.4	2.5841	+0.0017	+12.559	+0.289	25°4327
72.10. 9	3	20 35 6.087	25 5 4.96			Z.C. δ 4″.9
75. 9. 6	3	5.850	5.28			
77. 9.11	2	5.823	4.43			
11604	9.5	2.5132	+0.0022	+12.565	+0.280	28°3840
72. 8.17	3	20 35 10.998	28 13 0.54			
74.10. 2	3	10.852	2.00			
74.10.12	3	10.937	1.49			
11605	8.6	2.5558	+0.0019	+12.566	+0.285	26°3955
74. 9.15	2	20 35 11.805	26 21 57.30			
74.10. 3	2	11.733	57.54			
76. 9.21	2	11.490	56.90			
77. 9. 7	3	11.831	57.02			
11606	9.5	2.5041	+0.0022	+12.572	+0.279	— —
73. 9. 1	2	20 35 16.864	28 36 30.90			†
11607	9.4	2.5850	+0.0017	+12.573	+0.289	24°4211
85. 9.26	5	20 35 18.252	25 4 4.48			
86. 8.30	5	18.328	5.44			
86. 9 11	7	18.202	3 79			
90.10. 9	7	18.251	1.88			
11608	9.2	2.5441	+0.0020	+12.575	+0.284	26°3956
85. 9.21	5	20 35 19.863	26 53 31.05			
85.10. 5	5	19.940	32.07			
85.10. 7	5	19.963	30.32			
90.10. 2	2	19.771	31.45			

11609	$7^{\mathrm{m}}.0$	$2^{\mathrm{s}}.5725$	$+0^{\mathrm{s}}.0019$	$+12''.576$	$+0''.287$	25°4329
73. 9.25	3	$20^{\mathrm{h}}35^{\mathrm{m}}20^{\mathrm{s}}.340$	25° 38′ 12″.16			
74.10. 7	3	20.496	11.59			
79. 9.15	3	20.432	12.55			
79. 9.27	3	20.415	13.49			
80. 9.13	3	20.656	13.48			
80. 9.18	3	20.382	13.48			
11610	8.8	2.5048	+0.0022	+12.578	+0.279	28°3841
73. 9.11	2	20 35 22.632	28 35 8.60			
74.10.28	3	22.421	8.08			
75. 8.18	3	22.313	8.80			
11611	9.5	2.5690	+0.0019	+12.578	+0 287	25°4330
86. 9 17	7	20 35 22.832	25 47 42.86			
86 11. 1	5	22.870	40.99			
11612	6.5	2.4865	+0.0023	+12.581	+0.277	29°4131
72. 9. 5	3	20 35 25.098	29 21 39.72			
73. 9.20	3	25.175	40.25			
75. 8.26	3	25.017	40.52			
11613	9.0	2.4753	+0.0024	+12.599	+0.275	29°4134
73. 9.12	3	20 35 40.777	29 51 11.46			
73. 9.26	3	40.816	12.05			
74. 8.29	3	41.013	11.88			
75. 9. 1	3	40.792	11.96			
75. 9.29	3	40.911	12.73			
75.10. 7	3	40 903	11.83			
76. 8.29	3	40.920	12.09			
81 10. 5	3	41.077	12.32			
11614	9.4	2.5104	+0.0022	+12.608	+0.279	28°3844
74. 9.22	3	20 35 48.738	28 23 7.40			
74. 9.24	3	48.607	6.89			
75.10. 6	3	48.729	7.57			
11615	9 3	2.5581	+0.0019	+12.609	+0.285	26°3957
74.10.19	2	20 35 49.675	26 18 50.00			
81.10.15	3	49.701	48.57			
90.10.10	7	49.440	48.00			s.p. of 2
11616	9.1	2.5515	+0.0020	+12.610	+0.284	26°3958
85.10. 1	7	20 35 50.494	26 36 25.09			
87.10.21	7	50.775	27.27			
11617	9.4	2.5314	+0.0021	+12.610	+0.282	27°3828
72. 7.30	3	20 35 50.811	27 29 17.68			
72. 8.31	1	50.577	17.68			
72. 9. 6	3	50.633	19.23			
72. 9.20	3	50.835	17.18			
72. 9.30	3	50.797	18.63			
11618	9.1	2.4966	+0.0023	+12.612	+0.277	28°3847
85.10. 3	5	20 35 52.396	28 58 34.02			
90. 9.29	7	52.487	34.22			d.n.f.
11619	9.2	2.5726	+0 0019	+12.617	+0 286	25°4333
86. 9. 1	5	20 35 55.609	25 40 45.13			−1′
90.10. 4	3	55.821	44.15			−5′
90.10. 8	7	55.601	45.92			Z.C. α 55$^{\mathrm{s}}$.68

11620 $9^{m}.1$ $2^{s}.5718$ $+0^{s}.0019$ $+12''.618$ $+0''.286$ 25°4334

72. 9.12	3	$20^{h}35^{m}58^{s}.147$	25° 43′ 1″.64	
73. 9. 8	2	58.240	0.22	
73. 9.22	3	57.983	1.99	
86. 9.22	7	58.100	2.40	
90. 9.19	3	58.202	1.50	
90.10.18	7	58.134	2.29	
91. 9.28	5	58.026	2.42	

11621 8.5 2.5381 +0.0020 +12.624 +0.282 27°3829

73. 9. 4	3	20 36 2.918	27 12 44.69	clds.
73. 9.23	3	3.142	42.92	
74.10. 8	3	3.004	42.62	
75. 9. 3	3	3.066	43.16	
76. 8.25	3	3.177	43.23	

11622 8.0 2.4985 +0.0023 +12.627 +0.277 28°3849

72. 8.14	2	20 36 5.954	28 54 55.55	
74.10. 2	3	5.984	55.98	
74.10.12	2	6.019	55.08	
75. 9.25	1	5.973	55.76	
78.10.14	3	5.884	56.35	

11623 8.7 2.4787 +0.0024 +12.627 +0.275 29°4135

72.10.28	3	20 36 6.134	29 44 52.80	
73. 9.26	3	5.989	53.43	
74. 9.28	3	6.035	52.80	
75. 8.26	3	6.108	53.36	
75. 9.14	2	6.150	53 78	
76. 9.19	3	6.076	52.28	
90. 9.16	7	6.297	53.41	
96. 8.22	7	6.198	51.39	§
96. 8.27	5	6.366	52.25	§
96. 9.19	7	6.336	51.15	§

11624 9.5 2.4783 +0.0024 +12.627 +0.275 — —

74. 9.28	2	20 36 6.154	29 45 40.56	†
75. 9.14	3	6.291	41.02	§

Not + 29°4136: see appendix 11625^{a}

11625 8.5 2 4994 +0.0023 +12.634 +0.277 28°3850

72. 8.14	2	20 36 11.577	28 53 16.25	
74. 9.22	3	11.463	17.02	
74.10.12	2	11.590	16.98	
75. 9.25	3	11.543	17.04	
78.10.14	3	11.391	18.19	

11626 9.3 2.4832 +0.0024 +12.639 +0.276 29°4137

84. 9.18	6	20 36 16.136	29 34 22.53	† ex. ft.

11627 9.2 2.5888 +0.0018 +12.639 +0.288 24°4214

84. 9.20	5	20 36 16.258	24 58 34.76	
84. 9.25	5	16.358	34.57	-1^{m}
84.10.22	5	16.461	34.64	

11628 9.2 2.4840 +0.0024 +12.648 +0.276 29°4141

84. 9.17	3	20 36 24.417	29 33 7.47	Z.C. δ 7″.6
85. 9.22	7	24.343	8 11	+1′ D + 10″
92. 9.14	7	24.535	7.27	

11629 9.3 2.5439 +0.0020 +12.652 +0.283 26°3960

72. 8.27	3	20 36 27.534	26 59 34.29	
72. 9.18	3	27.575	33.65	

11630 $8^{m}.4$ $2^{s}.5514$ $+0^{s}.0020$ $+12''.652$ $+0''.284$ 26°3961

74. 9.15	2	$20^{h}36^{m}27^{s}.618$	26° 39′ 35″.00	
76. 9.20	3	27.510	35.35	
76. 9.21	3	27.511	35.06	
77. 9. 7	3	27.567	35.34	
78 9 13	3	27.580	35 01	

11631 8.2 2.5248 +0.0022 +12.653 +0.280 27°3832

72. 9.20	3	20 36 28.744	27 49 28.52	
73. 9 23	3	28.629	27.68	
74.10 8	3	28.629	29.12	
76 9.29	3	28.722	28.45	

11632 9.0 2.5260 +0.0022 +12.654 +0.281 27°3833

73. 9. 4	3	20 36 29.215	27 46 31.34	Z.C. δ 31″.5
75. 9. 7	3	29.275	30.84	
77. 8.29	3	29.115	31.16	
78. 8.12	3	29.185	32.64	

11633 9.3 2.5762 +0.0019 +12.661 +0.285 25°4337

79. 9 29	3	20 36 35.521	25 33 58.75	
79.10. 1	2	35.423	57.43	
81. 8.24	2	35.352	57.60	
81.10. 5	3	35.486	57.75	
85. 9.15	7	35.261	57.48	
87.10.15	7	35.565	58.10	
88. 9.20	7	35.371	58.77	

11634 9.3 2.5027 +0.0023 +12.663 +0.278 28°3854

72. 8.17	3	20 36 37.232	28 46 54.26	
74. 9.24	3	37.191	53.65	
74.10.28	3	37.176	54.42	

11635 9.0 2.5450 +0 0021 +12 664 +0.282 26°3962

72. 8.30	3	20 36 38.260	26 57 28.90	†

11636 9.3 2.4870 +0.0024 +12.666 +0.276 29°4143

85.10.16	5	20 36 39.804	29 26 54.78	
86. 9.10	5	40.147	55.54	

11637 9.0 2.5690 +0.0019 +12.680 +0.284 25°4338

72.10. 9	3	20 36 52.987	25 54 41.39	Z.C. δ 41″.4
75. 9.18	3	52.689	41.53	
75.10.11	3	52.855	41.50	
75.10.25	3	52.972	40.72	
86.10. 6	5	52.701	41.68	

11638 9.5 2.5291 +0.0022 +12.682 +0.280 27°3835

72. 9.30	3	20 36 53.934	27 40 33.94	
75. 9.20	3	53.914	33.82	
78. 9.10	3	54.051	34.14	

11639 9.0 2.5767 +0.0019 +12.687 +0.285 25°4339

73. 9.25	2	20 36 58.549	25 34 35.48	
74.10. 7	2	58.461	36.15	
76. 9.23	3	58.449	34.49	
76.10. 4	2	58.498	34.90	
78.10.25	3	58.398	35.14	
79. 9.15	3	58.528	35.37	
79 9.25	3	58.538	35.59	
79. 9.27	3	58.611	36.10	
79.10. 1	3	58.512	35.46	
79.10. 9	3	58.682	34.87	
81. 8.24	2	58.660	35.45	

11640 $9^{m}.5$ $2^{s}.4935$ $+0^{s}.0023$ $+12''.691$ $+0''.276$ 29°4144

85. 9.21	5	$20^{h}\,37^{m}$	$2^{s}.602$	29° 12′	$35''.01$	
85. 9.26	5		2.516		33.52	
86.10.19	5		2.858		35.44	
86.11. 1	5		2.652		33.63	

11641 9.1 2.5763 +0.0019 +12.692 +0.285 25°4340

73. 9.22	3	20 37	3.014	25 35	51.10	
73. 9.25	3		3.189		51.64	
74.10. 7	2		3.129		51.11	
76. 9.23	2		3.170		50.19	
76.10. 4	2		3.290		50.86	
79. 9.25	3		2.999		51.96	
79. 9.27	3		3.071		51.41	
79.10. 9	3		3.314		51.44	

11642 9.3 2.5754 +0.0019 +12.698 +0 285 — —

80. 9.18	3	20 37	8.252	25 38	40.29	†

The observations made during revision give R.A. $0^{s}.7$ greater: Oxford photographs give R.A. $0^{s}.9$ greater

11643 8.6 2.5380 +0.0021 +12.700 +0.281 27°3836

72. 7.30	3	20 37	10.232	27 18	32.39	
72. 8.31	1		9.862		34.03	
72. 9. 6	1		10.340		34.17	
74.10. 8	2		10.079		34.14	
75. 9.20	2		10.178		34.30	
76. 8.25	3		10.226		32.97	
76. 9.25	2		9.976		33.95	
76. 9.29	3		10.038		33.60	

11644 9.4 2.4985 +0.0023 +12.701 +0.277 28°3858

92. 9. 5	7	20 37	11.124	29 0	50.08	
92. 9. 8	7		11.362		49.95	

11645 9.5 2.5299 +0.0022 +12.702 +0.280 — —

75. 9. 3	3	20 37	11.938	27 40	0.09	†

11646 9.1 2.5712 +0.0019 +12.702 +0.285 25°4342

84. 9.11	5	20 37	11.990	25 50	20.71	
86. 9.15	5		12.097		20.38	

11647 9.5 2.5202 +0.0022 +12.705 +0.279 — —

73. 9.11	3	20 37	14.613	28 5	13.39	†

Not 28°3859: see note to 11650ᵃ in appendix

11648 8.3 2.4794 +0.0025 +12.707 +0.274 29°4146

72. 9. 5	3	20 37	15.992	29 49	14.38	
72. 9.12	3		15.879		13.80	
75. 8.26	3		16.046		13.70	
75. 9.29	2		16.044		13.74	
75.10. 7	3		16.087		13.56	

11649 9.0 2.5892 +0.0018 +12.709 +0.287 24°4220

73. 9. 8	2	20 37	17.806	25 2	18.00	
74.10.21	3		17.855		17.65	
75. 9.18	3		17.716		18.56	

11650 9.4 2.4822 +0.0024 +12.711 +0.275 — —

72.10.28	3	20 37	20.415	29 42	31.76	
73. 9.20	2		20.399		33.24	
76. 8.29	3		20.398		33.89	

11651 $9^{m}.4$ $2^{s}.5812$ $+0^{s}.0018$ $+12''.717$ $+0''.286$ 25°4343

72. 9.12	3	$20^{h}\,37^{m}$	$25^{s}.566$	25° 24′	$38''.59$	
76. 9.20	3		25.762		36.78	
76. 9.21	3		25.562		36.74	
78. 9.13	3		25.693		37.33	
78.10.25	1		25.632		37.24	

11652 9.3 2.5728 +0.0020 +12.740 +0.284 25°4344

84.10.24	3	20 37	45.575	25 48	51.50	
86. 9.30	5		45.209		53.16	

11653 9.4 2.5232 +0.0023 +12.742 +0.278 27°3840

73. 9. 1	3	20 37	47.962	28 0	22.51	Z.C. δ $22''.4$
74. 9.22	2		47.937		21.87	
76.10.11	3		47.765		22.38	
90. 9.24	7		47.847		22.63	
90. 9.27	7		47.785		22.56	

11654 9.5 2.4841 +0.0025 +12.743 +0.274 29°4147

73. 9.20	3	20 37	48.900	29 40	14.78	
75. 9. 1	3		48.854		12.99	

11655 9.1 2.5861 +0.0018 +12.747 +0.285 25°4345

84. 9.12	5	20 37	51.568	25 13	14.00	
85.10. 3	5		51.693		14.53	
88. 9.13	7		51.724		15.50	

11656 9.5 2.5731 +0.0020 +12.749 +0.284 25°4346

81.10.15	3	20 37	53.499	25 48	49.21	† w. 3 – 10^{s}

11657 9.0 2.5583 +0.0020 +12.752 +0.282 26°3968

72. 9.18	3	20 37	56.068	26 28	28.56	
74.10.19	2		56.206		30.41	
75. 9.17	3		55.927		30.20	
78.10.24	3		56.144		31.32	

11658 7.5 2.5829 +0.0019 +12.753 +0.285 25°4347

72. 9.12	1	20 37	56.948	25 22	32.68	
72.10. 9	3		57.117		32.50	
75.10.11	3		57.009		33.70	

11659 9.2 2.4762 +0.0025 +12.754 +0.273 29°4148

84. 9.10	5	20 37	57.899	30 0	41.47	
86. 8.30	5		58.001		40.58	
86. 9.29	7		58.032		41.68	

11660 9.5 2.5919 +0.0018 +12.758 +0.286 24°4223

85.10. 5	4	20 38	1.283	24 58	7.89	
85.10. 7	5		1.434		6.62	
86. 9. 1	3		1.647		8.15	v.ft.
86.10. 2	5		1.627		8.72	

11661 7.8 2.5878 +0.0018 +12.758 +0.286 25°4348

73. 9.22	2	20 38	1.680	25 9	11.46	
74.10.21	3		1.632		10.45	
75. 9. 6	3		1.581		11.51	
75.10.25	3		1.768		10.31	
77. 9.11	2		1.563		10.26	

11662 7.8 2.5512 +0.0021 +12.760 +0.281 26°3969

72. 8.30	3	20 38	3.315	26 48	9.47	
74.10. 3	3		3.350		10.13	
77. 9. 7	3		3.305		9.69	

11663 $8^{m}5$ $2^{s}4827$ $+0^{s}0025$ $+12''768$ $+0''274$ 29°4149

72. 9 5	2	$20^{h}38^{m}11^{s}039$	$29^{\circ}\,45'\,39''50$	
72.10.28	2	10.972	37.94	
73. 9.12	3	10.780	38.46	
75. 8.26	3	10.924	37.79	
75. 9.14	3	10.852	38.16	
75. 9.29	3	10.928	39.01	
75.10. 7	3	10.989	38.10	
76. 8.29	3	10.925	38.18	
76. 9.19	3	10.963	37.36	
77. 9.29	3	10.752	37.71	

11664 9.0 2.5455 +0.0021 +12.784 +0.281 27°3843

72. 8.31	1	20 38 24.759	27 5 0.56	
72. 9.20	3	24.834	1.26	
72. 9.30	3	24.882	1.93	
73. 9. 4	3	24.825	2.54	+ 5′
75. 9. 3	2	24.759	2.01	
75. 9. 7	3	24.822	1.48	
76. 9.29	3	24.750	1.07	

11665 9.0 2.5842 +0.0019 +12.784 +0.285 25°4350

72 10. 9	2	20 38 25.079	25 21 5.11	
73. 9.25	3	24.955	6.54	
75. 9.18	3	24.857	6.18	

11666 9.4 2.5452 +0.0021 +12.789 +0.280 — —

73. 9. 4	2	20 38 29.374	27 6 3.03	
75. 9. 7	3	29.339	4.66	

11667 9.2 2.5011 +0.0024 +12.791 +0.275 28°3865

81.10. 5	3	20 38 31.098	29 0 55.90	
81.10.15	2	30.970	54.23	
84.10.22	5	30.884	55.63	

11668 8.5 2.5477 +0.0021 +12.798 +0.280 26°3970

74.10. 3	2	20 38 37.167	27 0 15.08	
74.10.19	2	37.132	14.33	
75. 9. 4	3	36.933	14.85	
76. 9.20	3	37.119	14.89	
76 10. 4	3	37.077	14.78	
77.10. 3	3	37.095	14.30	
77.10.20	3	36.972	13.72	
78.10.11	3	37.102	15.28	
78.10.11	2	37.122	16.29	
78.10.24	3	37.093	16.39	
90. 9.29	5	36.917	15.62	

11669 9.4 2.5095 +0.0024 +12.806 +0.276 28°3866

75.10. 6	2	20 38 44.667	28 40 43.40	†

11670 9.2 2.5889 +0.0019 +12.811 +0.285 25°4352

84. 9.17	5	20 38 49.336	25 10 16.38	
84. 9.18	7	49.528	15.38	
84. 9.25	5	49.461	16.68	

11671 8.1 2.5093 +0.0024 +12.811 +0.276 28°3869

72. 8.14	3	20 38 49.682	28 41 40.80	
74. 9.24	3	49.465	41.91	
74.10.12	3	49.529	41.05	
75.10. 6	3	49.737	41.35	
76. 9. 1	3	49.582	41.82	
76.10.11	3	49.519	41.50	

11672 $9^{m}3$ $2^{s}5103$ $+0^{s}0024$ $+12''813$ $+0''276$ 28°3870

72. 8.17	3	$20^{h}38^{m}51^{s}341$	$28^{\circ}\,39'\,8''25$	†

11673 9.0 2.5829 +0.0019 +12.815 +0.284 25°4353

73. 9. 8	3	20 38 52.449	25 26 52.97	
74.10.21	3	52.438	52.15	
76. 9.23	3	52.209	53.00	
88.10.15	5	52.368	52.83	

11674 9.3 2.5408 +0.0022 +12.822 +0.279 27°3844

85.10.16	5	20 38 58.912	27 20 31.54	[doubtful
86. 9.10	7	59.079	33.47	microm.

11675 9.4 2.5817 +0.0019 +12.823 +0.284 25°4354

92. 9.12	7	20 39 0.025	25 30 50.94	
92. 9.14	5	0.078	49.85	

11676 9.4 2.4926 +0.0025 +12.837 +0.274 29°4155

73. 9.26	3	20 39 11.938	29 26 15.37	†

11677 9.2 2.5442 +0.0022 +12.837 +0.279 27°3846

84. 9.20	7	20 39 12.471	27 12 26.67	
85. 9.15	5	12.461	26.46	
85. 9.26	5	12.587	27.39	
86.11. 1	5	12.460	25.64	
90. 9.30	7	12.632	26.79	

11678 9.3 2.4769 +0.0025 +12.838 +0.272 30°4157

80. 9.29	3	20 39 13.160	30 5 51.43	
85.10. 1	5	12.860	51.95	
86.10. 4	6	13.000	52.40	
88.10. 3	7	13.184	51.61	n. p. of 2

11679 9.2 2.5473 +0.0021 +12.839 +0.280 27°3847

76. 9.21	1	20 39 13.983	27 4 24.97	Z.C. $\delta\,24''6$
77. 9. 7	2	14.292	25.01	
86.10. 5	5	14.195	23.61	
90.10.13	7	14.071	24.81	

11680 9.0 2.5477 +0.0021 +12.839 +0.280 26°3973

72. 9.18	3	20 39 14.323	27 3 18.54	
74.10. 3	2	14.354	19.07	
76. 9.21	3	14.191	18.27	
77. 9. 7	3	14.341	17.97	
86. 9. 8	5	14.278	19.00	

11681 9.3 2.5915 +0.0019 +12.842 +0.285 25°4357

85. 9.22	5	20 39 16.327	25 5 21.32	
86. 9.22	5	16.323	20.74	
88. 9.27	5	16.368	20.31	

11682 9.0 2.4967 +0.0024 +12.844 +0.274 29°4156

72. 9. 5	1	20 39 18.215	29 16 19.62	
73. 9.12	2	18.221	19.50	
75. 9. 1	3	18.246	20.77	
75. 9.29	3	18.013	20.73	
76. 9.19	3	18.105	21.03	

11683 9.3 2.5780 +0.0020 +12.847 +0.284 25°4359

80. 9.18	3	20 39 20.092	25 42 26.89	†

11684 9.5 2.5330 +0.0022 +12.848 +0.279 — —

77. 8.16	3	20 39 22.323	27 42 52.62	† Z.C. $\delta\,52''6$

11685	**$9^{m}.3$**	**$2^{s}.5850$**	**$+0^{s}.0019$**	**$+12''.852$**	**$+0''.284$**	**25°4360**
86. 9.11	7	$20^{h}39^{m}25^{s}.260$		25° 23′ 49″.19		Z.C. δ 49″.1
86.10. 6	7	25.260		.48.95		
11686	**9.0**	**2.5143**	**+0.0024**	**+12.853**	**+0.276**	**28°3873**
73. 9. 1	3	20 39 26.321		28 31 55.59		
73. 9.11	3	26.474		55.93		
74. 9.22	3	26.406		56.14		
74.10.12	2	26.328		56.48		
75. 8.18	3	26.276		57.67		
11687	**9.2**	**2.5432**	**+0.0022**	**+12.853**	**+0.279**	**27°3848**
84.10.24	5	20 39 26.424		27 16 22.61		
87.10.15	5	26.634		22.86		
11688	**5.7**	**2.5976**	**+0.0018**	**+12.855**	**+0.285**	**24°4229**
84. 9.11	5	20 39 27.867		24 49 26.37		
84.10. 4	5	27.975		26.25		
84 10.13	5	27.977		26.57		
96. 8.22	2	27.768		23.39		§
96. 8.27	7	27.823		23.90		§
96. 9.19	7	27.838		23.07		§
11689	**9.4**	**2.4748**	**+0.0026**	**+12.855**	**+0.271**	— —
79.10. 1	3	20 39 28.167		30 12 40.80		†
11690	**9.5**	**2.5150**	**+0.0024**	**+12.856**	**+0.276**	**28°3874**
73. 9.11	3	20 39 29.566		28 30 14.62		
74.10.12	2	29.217		14.96		
90.10. 9	7	29.390		13.32		
11691	**9.5**	**2.4972**	**+0.0025**	**+12.858**	**+0.274**	— —
73. 9.12	2	20 39 30.701		29 16 10.30		†
11692	**9.0**	**2.5696**	**+0.0020**	**+12.858**	**+0.282**	**26°3975**
72 8.30	2	20 39 30.936		26 6 1.13		
74.10.19	2	30.970		0.89		
76. 9.23	2	30.980		1.34		
78.10.24	3	31.024		1.95		
11693	**8.8**	**2.5276**	**+0.0023**	**+12.861**	**+0.277**	**27°3850**
72. 7.30	3	20 39 33.409		27 57 59.31		
72. 9. 6	3	33.221		60.91		
72. 9.20	3	32.969		59.32		c. d. m.
72. 9.30	3	33.288		61.25		c. d. m.
78. 9.10	3	33.122		59.94		
78. 9.10	2	33.362		61.12		c. d. m.
78.10.14	3	33.155		60.15		c. d. m.
78.10.14	2	33.275		61.26		
11694	**9.1**	**2.4824**	**+0.0026**	**+12.869**	**+0.272**	**29°4160**
81.10.19	3	20 39 40.409		29 54 25.92		d. n.
88. 9.20	5	40.241		27.56		d. n.
11695	**8.8**	**2.5901**	**+0.0019**	**+12.871**	**+0.284**	**25°4361**
73. 9.22	3	20 39 42.866		25 11 14.15		
74.10. 7	3	42.721		13.41		
77. 9.11	2	42.831		12.79		
11696	**9.1**	**2.5919**	**+0.0019**	**+12.872**	**+0.284**	**25°4362**
85.10. 7	5	20 39 43.417		25 6 13.87		
86. 8.30	5	43 527		14.14		
86. 9.15	5	43.383		13.39		
11697	**$9^{m}.0$**	**$2^{s}.5829$**	**$+0^{s}.0019$**	**$+12''.876$**	**$+0''.283$**	**25°4363**
72. 9.12	3	$20^{h}39^{m}46^{s}.872$		25° 30′ 59″.56		
73. 9. 8	3	46.777		60.57		
73. 9.25	3	46.858		61.17		
75. 9.18	2	46.770		60.21		
75.10.11	3	46.839		59.22		
75.10.25	3	46.974		58.48		
77. 8.21	2	46.860		59.64		
86. 9.30	5	46.844		62.12		
11698	**8.6**	**2.5972**	**+0.0019**	**+12.880**	**+0.284**	**24°4233**
84. 9.12	5	20 39 50.878		24 52 26.54		
85 10. 3	5	50.847		27.21		
11699	**9.0**	**2.5140**	**+0 0024**	**+12.882**	**+0.275**	**28°3875**
72. 8.17	2	20 39 52.311		28 34 57.17		
74.10. 2	3	52.462		56.74		
74.10.28	3	52.400		57.17		
76. 9. 1	3	52.382		59.07		
76.10.11	3	52.395		56.20		$+1^{s}$
11700	**9.4**	**2.5231**	**+0.0023**	**+12.882**	**+0.276**	**28°3876**
74. 9.24	2	20 39 52.697		28 11 26.61		
76. 8.25	1	52.825		25.73		
11701	**8.3**	**2.4938**	**+0.0025**	**+12.889**	**+0.273**	**29°4164**
73. 9.26	3	20 39 58.735		29 27 32.34		
74. 8.29	3	58.627		32.89		
74. 9.28	3	58.745		31.78		
11702	**9.0**	**2.4854**	**+0.0026**	**+12.889**	**+0.272**	**29°4163**
72.10.28	3	20 39 59.038		29 48 48.63		Z.C. δ 49″.0
73. 9.20	3	59.154		50.07		
75. 9.14	2	59.013		48.10		
77. 9.29	2	58.995		49.33		
11703	**9.4**	**2.5227**	**+0.0023**	**+12.891**	**+0.276**	**28°3877**
74. 9.24	3	20 39 59.687		28 13 10.76		
74.10. 2	3	60.056		11.83		
76. 8.25	3	59.845		9.28		
81.10. 5	3	60.053		11.56		
86. 9. 1	3	60.078		12.25		
11704	**9.1**	**2.4928**	**+0.0025**	**+12.894**	**+0.273**	**29°4166**
74. 9.28	3	20 40 3.073		29 30 20.23		
75. 8.26	3	3.186		20.53		
75. 9. 1	3	3.086		21.70		
84. 9.25	4	3.164		20.42		
86.10. 2	5	3.040		21.46		
11705	**9.4**	**2.5648**	**+0.0021**	**+12.898**	**+0.281**	**26°3978**
74.10.19	2	20 40 6.317		26 21 55.49		Z.C. δ 55″.1
75.10. 2	3	6.276		54.71		
77.10. 3	3	6.251		55.14		
11706	**8.0**	**2.5806**	**+0.0020**	**+12.898**	**+0.283**	**25°4364**
72. 9.19	3	20 40 6.530		25 39 6.53		
72.10. 9	3	6.601		7.52		
75.10.11	3	6.432		6.85		
75.10.25	2	6.557		6.13		
84. 9.10	5	6.427		7.83		
85. 9.21	7	6.474		8.61		

11707 $9^{m}.0$ $2^{s}.4856$ $+0^{s}.0026$ $+12''.899$ $+0''.272$ $29^{\circ}4167$

72.10.28	1	$20^{h}40^{m}$ $7^{s}.277$	29° $48'$ $51''.47$	
73. 9.20	3	7.634	53.02	
74. 9.14	3	7.563	52.83	
77. 9.29	3	7.715	51.80	

11708 9.1 2.5120 +0.0024 +12.905 +0.275 $28^{\circ}3878$

72. 8.14	3	20 40 12.589	28 41 52.88	Z.C. δ 52″9
74. 9.22	3	12.372	52.98	

11709 9.0 2.5586 +0.0022 +12.905 +0.280 $26^{\circ}3979$

75. 9. 4	3	20 40 12.876	26 39 10.43	
75. 9 17	3	12.901	9.76	
76. 9.20	3	12.907	10.65	

11710 9.2 2.5352 +0.0023 +12.905 +0.278 $27^{\circ}3853$

76. 9.25	3	20 40 12.970	27 41 28.79	Z.C. α 13ˢ05
77. 8.16	3	12.968	27.93	
81.10. 8	3	13.169	27.38	
90.10. 8	7	13.075	28.33	+ 5′

11711 9.5 2.5860 +0.0019 +12.907 +0.283 $25^{\circ}4365$

91. 9.28	6	20 40 14.969	25 25 2.44	† ft.

11712 9.2 2.5370 +0.0023 +12.909 +0.278 $27^{\circ}3854$

74.10.22	3	20 40 16.353	27 37 4.35	
75. 9. 3	2	16.448	4.45	
90. 9.24	7	16.420	4.42	
90. 9.27	7	16.209	4.14	

11713 9.2 2.5795 +0.0020 +12.913 +0.283 — —

80. 9.18	3	20 40 20.031	25 43 12.52	†

11714 9.5 2.4790 +0.0026 +12.919 +0.272 — —

75. 9.29	3	20 40 25.563	30 7 22.18	
80. 9.29	3	25.704	22.82	

11715 4.4 2.4758 +0.0026 +12.924 +0.271 $30^{\circ}4167$

73. 9.26	2	20 40 30.325	30 15 50.42	d. l.
75.10. 7	3	30.121	51.01	s. p. of 2
76. 8.29	3	30.260	50.86	s. p. of 2
79. 9.27	2	30.239	52.30	c. d. l. Z.C. α 30ˢ24

11716 9.2 2.5376 +0.0023 +12.928 +0.278 $27^{\circ}3856$

75. 9. 3	1	20 40 33.536	27 36 46.62	
81.10.15	3	33.627	46.05	
84.10.22	5	33.618	46.36	

11717 8.5 2.4776 +0.0026 +12.935 +0.271 $30^{\circ}4169$

72. 9. 5	2	20 40 39.854	30 12 11.78	
79. 9.27	2	39.869	12.93	
79.10. 1	3	39.889	11.88	
80. 9.29	2	39.892	11.24	
80.10.23	3	39.939	9.18	
82.10. 4	1	39.830	11.56	

11718 9.5 2.4801 +0.0026 +12.937 +0.271 $30^{\circ}4168$

79. 9.15	3	20 40 41.782	30 5 61.03	
79. 9.25	3	41.816	61.08	
79.10.25	3	41.833	59.30	
82. 8.30	3	41.770	61.56	
82.10. 4	2	41.992	59.51	

11719 $9^{m}.4$ $2^{s}.5168$ $+0^{s}.0024$ $+12''.940$ $+0^{s}.275$ $28^{\circ}3881$

73. 9. 1	3	$20^{h}40^{m}44^{s}.423$	28° $32'$ $18''.02$	
75.10. 6	3	$44^{s}.672$	16.69	

11720 9.3 2.5665 +0.0021 +12.945 +0.281 $26^{\circ}3981$

76.10. 4	3	20 40 48.403	26 20 55.39	-1^{m}
81.10.17	3	48.540	54.38	

11721 9.3 2.5425 +0.0023 +12.947 +0.278 $27^{\circ}3859$

74.10. 8	2	20 40 50.544	27 25 22.90	†

11722 9.3 2.5289 +0.0024 +12.948 +0.276 $27^{\circ}3858$

72. 9. 6	3	20 40 51.140	28 1 11.43	
72. 9.20	3	50.996	11.67	
72 9.30	3	51.215	12.08	
75. 9.20	3	51.101	12.53	

11723 9.0 2.5538 +0.0022 +12.948 +0.279 $26^{\circ}3982$

72. 8.31	3	20 40 51.567	26 55 21.81	– 1°
72. 9.18	3	51.625	20.36	
74.10. 3	2	51.629	21.80	
75.10. 2	2	51.800	21.07	

11724 9.2 2.5945 +0.0019 +12.949 +0.283 $25^{\circ}4369$

85.10.16	5	20 40 52.028	25 4 38.04	
88. 9.27	5	52.019	36.75	

11725 9.3 2.5439 +0.0023 +12.959 +0.278 $27^{\circ}3860$

73. 9. 4	3	20 41 1.653	27 22 32.82	
73. 9.23	3	1.470	31.79	
74.10. 8	2	1.533	31.20	
85. 9.22	5	1.445	31.89	
85. 9.26	5	1.413	31.54	

11726 9.1 2.5044 +0.0025 +12.962 +0.273 $29^{\circ}4172$

75.10. 7	3	20 41 3.948	29 5 57.31	
76. 9.19	3	3.884	56.92	
79. 9.29	3	3.888	59.16	
79.10. 1	3	3.839	56.45	
80.10.23	3	4.024	54.39	
83. 8.28	7	3.859	58.16	–5′. §
86 9. 8	2	3.822	57.12	cld.

11727 9.2 2.5444 +0.0023 +12.968 +0.278 $27^{\circ}3862$

72. 7.30	3	20 41 9.692	27 21 57.76	
73. 9. 4	2	9.834	60.34	
73. 9.23	3	9.581	58.13	

11728 9.4 2.5046 +0.0025 +12.976 +0.273 $29^{\circ}4175$

85.10. 1	5	20 41 16.792	29 6 41.17	
88.10. 3	4	16.934	39.87	

11729 9.0 2.5773 +0.0021 +12.979 +0.281 $25^{\circ}4371$

72. 9.12	3	20 41 19.511	25 54 18.77	
72.10. 9	2	19.516	18.81	
73. 9. 8	3	19.532	18.54	
75. 9.18	2	19.447	19.66	

11730 9.0 2.5022 +0.0025 +12.981 +0.273 $29^{\circ}4176$

73. 9.12	3	20 41 20.712	29 13 19.66	Z.C. δ 19″5
73. 9.20	2	20.926	19.00	
74. 8.29	3	20.801	21.12	
74. 9.28	3	20.922	20.49	
75. 8.26	3	20.921	20.02	
77. 9.29	2	20.941	19.03	
79. 9.25	3	20.818	19.65	
79.10. 9	3	21.012	18.23	
80.10.18	3	20.838	18.19	
81. 8.24	3	20.988	19.28	
82. 8.30	3	20.832	19.31	– 5′

11731	$9^m\!.5$	$2^s\!.5821$	$+0^s\!.0020$	$+12''\!.983$	$+0''\!.281$	25°4372
86.11. 1	4	$20^h41^m22^s\!.838$	25° 41′ 31″.32			
87.10.15	3	23.158	27.78			
88 10.15	5	22.979	31.71			
11732	9.1	2.5627	+0.0022	+12.986	+0.280	26°3984
81.10.15	2	20 41 26.039	26 34 21.93			
84. 9.11	5	25.973	22.28			
84. 9.17	5	26.105	21.88			
11733	8.3	2.5383	+0.0024	+12.993	+0.276	27°3865
72. 9.20	3	20 41 31.839	27 40 13.69			
74.10.22	3	31.916	14.09			
75. 9. 7	3	31.766	13.81			
76. 9.25	2	31.786	14.42			
76. 9.29	3	31.728	13.33			
11734	9.3	2.5636	+0.0022	+12.993	+0.279	26°3985
81.10. 8	3	20 41 32.295	26 33 26.47			
84. 9.20	7	32.387	28.53			
84.10.24	5	32.483	28.05			
11735	9.4	2.5085	+0.0025	+12.994	+0.273	28°3884
73. 9. 1	3	20 41 32.826	28 58 11.15			
73. 9.11	3	33.017	10.51			
74.10.28	3	32.564	10.22			
76.10.11	3	32.907	10.42			
81.10. 5	3	33.128	10.83			
11736	9.0	2.5226	+0.0024	+12.996	+0.274	28°3885
72. 8.17	3	20 41 34.955	28 21 45.47			
74. 9.22	3	34.972	45.16			
74. 9.24	3	34.741	44.20			
76. 9. 1	3	34.963	45.81			
81.10.17	3	35.001	44.71			
84.10.29	5	34.839	45.15			
86. 9.15	5	34.882	43.72			
11737	8.9	2.5613	+0.0022	+13.000	+0.279	26°3986
72. 8.31	3	20 41 38.236	26 39 14.35			−1° §
74.10. 3	2	38.168	13.03			
75. 9. 4	3	38.140	14.04			
76. 9.20	2	38.185	13.63			
76. 9.21	3	38.056	13.11			
76. 9.23	3	38.088	13.01			
77.10. 3	3	38.153	12.78			
78. 9.13	3	38.205	14.03			
78.10.24	3	38.228	14.46			
11738	8.4	2.5985	+0.0019	+13.001	+0.282	24°4241
73. 9.22	3	20 41 38.891	24 57 29.28			?c.d.
73. 9.25	3	38.855	28.85			?c.d.
74.10. 7	3	38.965	28.24			c.d.
11739	9.3	2.5569	+0.0023	+13.004	+0.278	26°3987
77.10.20	3	20 41 41.429	26 51 29.98			† Z.C. δ 30″.0
11740	9.2	2.5384	+0.0024	+13.009	+0.276	27°3866
77. 8.16	3	20 41 46.128	27 41 11.55			
81.10.19	3	46.275	12.11			
84. 9.12	5	46.209	12.00			
85.10. 3	5	46.057	11.81			
90. 9.30	7	46.131	11.67			

11741	$9^m\!.2$	$2^s\!.4851$	$+0^s\!.0027$	$+13''\!.017$	$+0''\!.270$	29°4177
84. 9.10	2	$20^h41^m53^s\!.354$	30° 0′ 8″.06			
84. 9.25	3	53.489	6.86			
11742	9.4	2.5647	+0.0022	+13.018	+0.279	26°3989
85.10. 7	5	20 41 54.101	26 31 25.85			
86. 8.30	5	54.249	25.98			
86 10. 4	5	54.101	25.64			
88. 9.20	5	54.216	25.90			
11743	9.2	2.5817	+0.0020	+13.027	+0.280	— —
80. 9.18	3	20 42 2.303	25 45 38.35			†
11744	9.5	2.5838	+0.0020	+13.030	+0.281	— —
90. 9.29	7	20 42 4.959	25 40 14.38			†
11745	9.5	2.5634	+0.0022	+13.034	+0.279	26°3991
86. 9. 1	3	20 42 8.758	26 36 16.84			
86. 9.30	5	8.588	15.99			
11746	9.1	2.5521	+0.0023	+13.037	+0.278	27°3867
72. 9. 6	1	20 42 11.823	27 6 52.58			Z.C. Ep. 76.2
79.10.25	3	11.931	49.66			
11747	9.4	2.5627	+0.0022	+13.039	+0.279	26°3992
72. 9.18	3	20 42 13.733	26 38 29.33			
74.10.19	2	13.827	29.58			
75. 9. 4	3	13.800	30.01			
76.10. 4	3	13.815	29.71			
77. 9. 7	3	13.923	29.63			
11748	9.0	2.4871	+0.0027	+13.040	+0.270	29°4178
72. 9. 5	2	20 42 14.416	29 56 47.66			
72.10.28	3	14.709	47.23			
73. 9.26	3	14.486	47.36			
75. 8.26	3	14.495	47.08			
75. 9. 1	3	14.435	47.67			
75. 9.29	3	14.439	48.76			
11749	9.0	2.5594	+0.0023	+13.040	+0.278	26°3993
72. 8.30	3	20 42 14.398	26 47 25.00			
92. 9.14	7	14.596	24.02			
11750	9.5	2.5830	+0.0020	+13.041	+0.280	25°4374
75. 9.18	3	20 42 14.724	25 43 13.51			
90. 9.27	6	14.837	14.96			
92. 9.17	5	15.104	12.60			
The B.D. α is 10^s too great						
11751	9.5	2.4905	+0.0027	+13.045	+0.270	29°4179
86.10. 2	5	20 42 18.613	29 48 31.01			
86.10. 6	5	18.456	30.66			
92. 9. 5	7	18.475	29.34			
11752	7.0	2.5833	+0.0021	+13.052	+0.280	25°4375
72. 9.12	3	20 42 24.694	25 43 7.69			
72. 9.19	3	24.758	7.26			
72.10. 9	3	24.795	7.84			
73. 9.22	3	24.605	8.26			c. d.
74.10. 7	3	24.710	7.58			
80. 9.18	3	24.567	9.01			

11753 $9^{m}.4$		$2^{s}.5047$ $+0^{s}.0026$	+13″.059 +0″.272	29°4180
81.10.19	1	$20^{h}42^{m}32^{s}.112$	29° 13′ 19″.03	§
84.10.22	5	31.751	17.60	v. ft.
85. 9.15	5	31.743	19.02	
90 10.13	7	31.785	18.13	
11754 7.0		2.5523 +0.0023	+13.061 +0.277	27°3868
72. 7.30	3	20 42 33.018	27 8 9.17	
72. 9.30	3	33.201	11.46	
73. 9. 4	3	33.075	12.98	
74.10. 8	3	33.098	11.12	
76. 8.25	2	33.253	10.80	
11755 8.0		2.5058 +0.0026	+13.062 +0.272	29°4181
73 9.12	3	20 42 34.135	29 10 44.61	
74. 9.28	3	34.229	44.31	
75. 9.14	3	34.062	44.19	
76. 9.19	3	34.204	44.13	
81.10.17	2	34.004	42.05	
11756 9.5		2.5643 +0.0022	+13.064 +0.278	— —
77.10. 3	3	20 42 35.679	26 36 8.14	†
11757 9.0		2.4953 +0.0027	+13.066 +0.270	29°4182
73. 9.20	3	20 42 37.530	29 37 56.69	
74. 8.29	3	37.472	56.59	
75. 9.29	3	37.677	56.83	
		B.D. *α* is $2^{s}.5$ less		
11758 9.4		2.5387 +0.0024	+13.068 +0.275	27°3869
73. 9.23	3	20 42 39.404	27 44 57.91	
92. 9.28	7	39.298	56.78	
11759 9.4		2.5807 +0.0021	+13.071 +0.279	25°4376
73. 9.25	3	20 42 42.602	25 51 44.20	
75.10.11	3	42.608	42.37	
75.10.25	3	42.602	43.92	
85. 9.26	5	42.622	43.73	
11760 9.3		2.5530 +0.0023	+13.076 +0.277	— —
79.10.25	3	20 42 46.549	27 7 34.50	†
11761 8.0		2.5558 +0.0023	+13.076 +0.277	26°3995
74 10.19	2	20 42 46.664	26 59 49.22	
75.10. 2	3	46.660	50.62	
76.10. 4	3	46.674	50.43	v. c. d. m.
78.10.11	2	46.589	50.76	
11762 8.2		2.5463 +0.0023	+13.078 +0.276	27°3871
72. 9.20	3	20 42 48.565	27 25 30.25	Z.C. δ 31″.1
77. 8.29	3	48.339	31.76	
78.10.14	3	48.404	31.25	
11763 9.5		2.5801 +0.0021	+13.078 +0.279	25°4377
73. 9.25	3	20 42 48.651	25 53 55.97	†
11764 9.3		2.5506 +0.0023	+13.079 +0.276	27°3870
85. 9.21	7	20 42 49.606	27 14 8.32	†
11765 8.0		2.5795 +0.0021	+13.082 +0.279	25°4378
73. 9. 8	3	20 42 52.222	25 56 3.09	
74.10. 7	2	52.396	3.97	

11766 $9^{m}.1$		$2^{s}.4938$ $+0^{s}.0027$	+13″.083 +0″.270	29°4184
81. 8.26	3	$20^{h}42^{m}53^{s}.229$	29° 43′ 17″.35	Z.C. δ 16″.8
85.10.16	5	53.433	16.65	
90.10. 9	7	53.244	16.44	
11767 7.9		2.5319 +0.0024	+13.084 +0.274	28°3888
72 8.17	3	20 42 54.211	28 4 7.89	
73. 9.11	3	54.217	9.19	
74.10. 2	3	54.295	8.99	
76. 9. 1	3	54.137	9.23	
76.10.11	3	54.285	8.58	
11768 9.0		2.5525 +0.0023	+13.085 +0.276	27°3872
75. 9. 7	3	20 42 54.475	27 9 29.32	
76. 9.29	3	54.476	29.15	
78. 9.10	3	54.412	29.72	
79. 9.27	3	54.610	30.06	
79.10. 9	3	54.651	28.24	
11769 8.8		2.5596 +0.0023	+13.089 +0.277	26°3996
72. 8.30	3	20 42 58.956	26 50 48.78	Z.C. δ 48″.2
75. 9.17	3	58.931	48.70	
77.10. 3	2	58.964	48.30	
80.10.23	3	59.058	46.97	ft.
11770 9.4		2.5816 +0.0021	+13.090 +0.279	25°4380
75.10.11	3	20 42 59.898	25 50 47.62	
92. 9.15	5	59.941	46.33	
11771 9.1		2.5967 +0.0020	+13.091 +0.281	25°4379
81.10. 8	3	20 43 0.199	25 9 7.21	
87.10.15	4	0.276	7.71	
88. 9.27	6	0.048	7.03	
11772 7.9		2.5385 +0.0024	+13.091 +0.275	27°3873
73. 9.23	1	20 43 0.404	27 47 16.39	
78. 9.10	2	0.274	17.96	
79. 9.15	3	0.484	17.38	
79.10. 1	3	0.248	17.30	
11773 8.8		2.5575 +0.0023	+13.095 +0.277	26°3997
75.10. 2	2	20 43 3.779	26 56 42.16	
78. 9.13	3	3.756	42.62	
78.10.11	2	3.763	42.22	
78.10.24	3	3.709	42.05	
78.10.25	3	3.648	42.33	+ 1′
11774 8.9		2.5704 +0.0022	+13.095 +0.278	26°3998
74.10.19	2	20 43 3.773	26 21 34.61	Z.C. δ 34″.4
76. 9.23	2	3.638	34.04	
79.10. 7	3	3.790	34.37	
79.10.10	3	3.881	34.29	
79.10.18	3	3.625	33.69	− 1°
81. 8.24	3	3.687	34.67	
82. 9.21	3	3.808	34.50	
82.10. 4	2	3.714	35.36	
11775 9.3		2.5969 +0.0020	+13.102 +0.281	25°4381
85. 9.22	5	20 43 9.885	25 9 33.96	†
11776 9.2		2.4960 +0.0027	+13.105 +0.270	29°4187
85.10. 1	5	20 43 13.399	29 39 27.08	
86. 9.15	5	13.392	24.66	
87.10.13	3	13.516	26.17	

11777 9^{m}5 2^{s}5827 +0^{s}0021 +13″114 +0″279 — —

73. 9.22	1	20^h	43^m	21^{s}259	25°	49′	45″03	
75.10.25	2			21.431			45.33	

11778 9.5 2.5844 +0.0021 +13.114 +0.279 — —

74.10.21	3	20	43	21.576	25	44	50.32	
93.11. 7	6			21.221			49.87	v. ft.

11779 8.3 2.5268 +0.0025 +13.116 +0.273 28°3890

73. 9. 1	3	20	43	23.214	28	20	26.27	
73. 9.11	2			23.313			26.14	
74. 9.22	3			23.187			26.34	
76. 9. 1	3			23.166			25.83	

11780 9.4 2.5548 +0.0023 +13.118 +0.277 27°3874

72. 8.31	3	20	43	24.641	27	5	46.93	
72. 9.30	3			24.603			47.41	

11781 9.1 2.5523 +0.0023 +13.121 +0.276 27°3875

88.10. 3	5	20	43	27.604	27	12	48.89	
92. 9. 3	4			27.672			47.58	
92. 9.12	4			27.430			47.44	

11782 9.3 2.5316 +0.0025 +13.124 +0.273 28°3891

81.10.15	3	20	43	30.140	28	8	17.80	
84. 9.11	7			30.023			18.58	
84.10.24	7			30.198			17.34	

11783 Not found on revision 98.9.26 and 98.9.28: not found on Oxford photograph 94.9.26 The catalogue place is due to a mistake of 1^m in reduction: see 11753

11784 9.1 2.5182 +0.0026 +13.129 +0.272 28°3892

84. 9.17	7	20	43	34.605	28	43	55.01	
84. 9.18	7			34.576			54.73	
84.10.29	6			34.497			55.24	
88.10.15	5			34.724			55.48	

11785 8.3 2.5965 +0.0020 +13.129 +0.281 25°4383

72. 9.19	3	20	43	34.879	25	12	37.32	Z.C.α 34^{s}84
72.10. 9	2			34.903			36.25	Z.C.δ 36″8
75. 9.18	2			34.728			36.71	−1°

11786 9.4 2.5759 +0.0022 +13.130 +0.278 26°4000

80.10.14	3	20	43	35.520	26	9	34.75	†

11787 9.5 2.5026 +0.0026 +13.130 +0.270 29°4191

72. 9. 5	3	20	43	36.007	29	24	33.34	
73. 9.20	3			35.979			34.50	
75.10. 7	3			36.016			33.36	v. ft.
76. 8.29	2			36.121			33.69	
77. 9.29	3			36.128			35.08	
81.10. 5	3			36.253			34.77	

11788 9.2 2.5420 +0.0024 +13.133 +0.274 27°3876

86.11. 1	7	20	43	38.429	27	41	34.03	
87.10.10	5			38.734			35.55	§ −1^s
93.10.31	7			38.432			35.12	

11789 8^{m}7 2^{s}5622 +0^{s}0023 +13″134 +0″277 26°4001

72. 9.18	3	20^h	43^m	39^{s}196	26°	47′	7″01	
74.10. 3	2			39.230			8.10	
75. 9.17	3			39.085			6.70	
76. 9.20	3			39.176			7.73	
76. 9.21	3			39.087			7.55	
77.10.20	3			39.243			5.70	
79. 9.24	3			39.255			7.37	
79. 9.25	3			39.027			7.28	
79.10. 9	3			39.348			7.06	
79.10.25	3			39.204			6.26	
80. 9.29	3			39.178			6.21	
80 9.29	3			39.158			7.35	
80.10.18	3			39.067			7.31	

11790 8.1 2.5967 +0.0020 +13.135 +0.281 25°4384

72. 9.19	1	20	43	39.739	25	12	28.07	§
72.10. 9	2			40.413			27.57	
75. 9.18	2			40.128			29.12	
93.10.18	7			40.303			27.59	

11791 8.7 2.5106 +0.0026 +13.138 +0.271 29°4193

84. 9.10	3	20	43	43.102	29	4	25.90	
84. 9.20	7			43.136			26.73	

11792 9.5 2.5279 +0.0025 +13.144 +0.273 28°3893

73. 9. 1	3	20	43	48.565	28	19	41.31	
73. 9.11	1			48.424			41.69	
74. 9.22	2			48.576			41.49	

11793 9.2 2.5531 +0.0023 +13.145 +0.276 27°3877

74.10. 8	2	20	43	49.253	27	12	24.71	
75. 9. 3	3			49.131			24.42	
75. 9. 7	3			49.083			24.32	
76. 9.29	2			49.092			24.46	
77. 8.29	3			49.098			24.53	

11794 9.4 2.5792 +0.0022 +13.148 +0.278 25°4385

85.10. 3	5	20	43	51.625	26	1	53.84	
86. 8.30	5			51.808			54.22	

11795 9.4 2.5780 +0.0022 +13.149 +0.278 26°4002

82. 9.21	2	20	43	52.955	26	5	11.69	†

11796 9.5 2.5570 +0.0023 +13.150 +0.276 — —

86.10. 4	5	20	43	54.125	27	2	30.08	
88. 9.13	5			54.212			30.09	

11797 9.5 2.6016 +0.0020 +13.151 +0.281 24°4252

86.10. 6	5	20	43	55.111	24	59	55.50	
88. 9.20	7			55.252			55.65	

11798 9.5 2.5232 +0.0026 +13.157 +0.272 28°3894

74. 9.24	3	20	44	0.511	28	33	12.13	
74.10. 2	3			0.438			13.49	

11799 9.3 2.5404 +0.0025 +13 163 +0.274 — —

79. 9.15	3	20	44	. 5.540	27	48	14.51	†

11800 9.5 2.5560 +0.0023 +13.165 +0.276 — —

73. 9. 4	3	20	44	7.147	27	6	13.60	†

11801	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.5583$	$+0^{\mathrm{s}}.0023$	$+13''.167$	$+0''.276$	26°4003
84. 9.12	5	$20^{\mathrm{h}}44^{\mathrm{m}}\ 9^{\mathrm{s}}.120$	27° 0′ 8″.75			
84. 9.25	7	9.305	10.43			
90.10.10	7	9.210	10.82			
11802	9.1	2.5442	+0.0024	+13.167	+0.274	27°3879
86. 9. 1	4	20 44 9.418	27 38 18.29			
86.10. 2	5	9.310	18.41			
86.10.19	7	9.245	16.48			
11803	9.1	2.5158	+0.0026	+13.168	+0.271	28°3896
74.10.12	3	20 44 9.726	28 53 32.48			
74.10.28	3	9.811	32.79			
75.10. 6	3	9.811	32.68			
11804	9.5	2.5316	+0.0025	+13.168	+0.273	28°3895
86. 9.30	7	20 44 10.075	28 12 1.59			†
11805	9.0	2.5538	+0.0024	+13.169	+0.275	27°3880
72. 7.30	3	20 44 10.892	27 12 44.71			
72. 9. 6	2	10.782	45.95			
72. 9.20	3	10.911	46.88			
72. 9.30	2	10.797	46.44			
74.10. 8	3	10.761	46.13			
74.10.22	3	10.617	46.69			
75. 9. 3	2	10.921	45.40			
75. 9. 7	2	10.533	45.20			
75. 9.20	3	10.934	45.58			
78.10.14	3	10.778	46.26			
11806	8.0	2.5710	+0.0022	+13.176	+0.277	26°4005
72. 8.30	3	20 44 16.897	26 26 27.47			
75. 9. 4	3	17.010	27.01			
76. 9.21	3	17.061	26.38			
76.10. 4	3	17.041	26.34			
77.10. 3	3	17.164	26.31			−15′
78. 9.13	3	17.062	26.88			
78.10.11	3	17.122	27.68			
11807	9.2	2.5982	+0.0020	+13.176	+0.280	25°4386
85. 9.14	7	20 44 17.607	25 11 39.95			
85. 9.15	5	17.510	38.88			w. 4 — 1^{s}
11808	7.7	2.5958	+0.0021	+13.180	+0.280	25°4387
72. 9.12	3	20 44 21.062	25 18 25.99			
73. 9. 8	3	21.136	26.03			
75.10.25	3	20.973	24.85			
11809	8.1	2.4862	+0.0028	+13.185	+0.267	30°4191
92. 9. 3	4	20 44 25.290	30 11 14.97			
92. 9.12	5	25.267	14.14			
11810	8.5	2.5013	+0.0027	+13.192	+0.269	29°4195
72. 9. 5	1	20 44 32.501	29 32 50.32			
72.10.28	3	32.451	48.91			
73. 9.26	3	32.559	50.00			
75. 8.26	3	32.434	50.54			
75. 9. 1	3	32.542	51.28			
75. 9.14	3	32.339	50.03			
11811	9.0	2.5883	+0.0021	+13.198	+0.278	25°4390
80. 9.18	3	20 44 37.731	25 40 36.27			
80. 9.18	2	37.581	37.02			
81.10. 8	3	37.770	34.87			
81.10.17	3	37.884	34.35			
11812	$8^{\mathrm{m}}.2$	$2^{\mathrm{s}}.5899$	$+0^{\mathrm{s}}.0021$	$+13''.201$	$+0''.279$	25°4391
73. 9 25	3	$20^{\mathrm{h}}44^{\mathrm{m}}39^{\mathrm{s}}.880$	25° 36′ 24″.90			
74.10.21	3	39.771	24.96			
76. 9.23	3	39.864	25.32			
77. 9.11	3	39.816	25.08			n. f. of 2
11813	9.1	2.6052	+0.0020	+13.201	+0.280	24°4256
81.10.15	3	20 44 40.211	24 53 32.52			
84.10.22	5	40.073	32.88			
11814	8.0	2.5252	+0.0026	+13.203	+0.271	28°3898
72. 8.17	3	20 44 42.006	28 31 42.58			
74.10.28	3	41.927	42.76			
75. 9.25	3	41.940	42.82			ex. ft.
76 9. 1	3	41.945	43.42			
76.10.11	3	41.951	44.24			
11815	9.4	2.5361	+0.0025	+13.204	+0.273	27°3883
81.10. 5	3	20 44 43.372	28 2 52.36			
85. 9.26	7	42.928	50.50			
86. 9.29	7	43.144	52.32			
11816	7.5	2.5615	+0.0024	+13.206	+0.275	26°4008
72. 8.29	2	20 44 45.194	26 54 46.58			
72. 9.18	3	44.919	44.53			
74.10. 3	2	45.055	46.08			
79. 9.27	3	44.996	47.16			
79. 9.29	3	45.026	47.92			
79.10. 2	3	45.047	46.48			
11817	8.5	2.5167	+0.0026	+13.218	+0.270	28°3900
74. 9.24	3	20 44 55.445	28 55 14.56			
74.10. 2	3	55.713	15.61			
74.10.12	3	55.474	13.61			
75.10. 6	3	55.566	15.84			
85.10.16	5	55.628	15.01			n. p. of 2
11818	8.9	2.5790	+0.0022	+13.221	+0.277	26°4009
75.10. 2	2	20 44 58.254	26 8 3.12			
77. 9. 7	3	58.181	2.86			
79.10. 1	3	58.049	1.67			
80.10.11	3	58.152	0.96			
82. 9.21	1	58.345	2.66			
96. 8.22	5	57.936	1.81			§
96. 8.27	7	58.114	2.85			§
96. 9.19	7	58.050	0.82			§
11819	9.1	2.5009	+0.0027	+13.222	+0.269	29°4197
72.10.28	3	20 44 59.627	29 37 2.44			
74. 8.29	3	59.542	3.57			
75.10. 7	3	59.555	3.18			
11820	9.0	2.5789	+0.0022	+13.225	+0.277	26°4010
74.10. 3	2	20 45 2.579	26 8 44.85			
75.10. 2	2	2.454	44.36			
79. 9.25	3	2.528	44.54			
11821	9.2	2.5207	+0.0026	+13.237	+0.270	28°3901
81 10.19	3	20 45 13.243	28 46 30.58			
85. 9.22	7	13.172	31.11			
85.10. 1	7	13.164	30.64			
11822	9.0	2.5536	+0.0024	+13.237	+0.274	27°3886
73. 9. 4	1	20 45 13.359	27 18 40.25			
90. 9.16	6	13.358	40.47			

11823	$8^{\mathrm{m}}5$	$2^{\mathrm{s}}5329$	$+0^{\mathrm{s}}0025$	+13″240	+0″272	28°3902
73. 9. 1	3	$20^{\mathrm{h}}45^{\mathrm{m}}15^{\mathrm{s}}324$	28° 14′ 24″23			
73. 9.11	3	15.377	23.43			
74.10.28	1	15.576	23.42			
75. 9.25	3	15.455	23.67			
11824	9.2	2.4892	+0.0028	+13.240	+0.268	30°4198
92. 9. 5	7	20 45 15.610	30 8 28.90			
92. 9.14	7	15.597	30.68			
11825	9.3	2.5817	+0.0022	+13.240	+0.277	25°4393
72. 9.19	3	20 45 16.211	26 2 10.52			
72.10. 9	3	16.247	9.85			
74.10. 7	3	16.086	10.10			
75.10.11	3	16.070	9.31			
11826	8.3	2.5040	+0.0027	+13.244	+0.269	29°4200
73. 9.12	3	20 45 19.792	29 30 43.66			
73. 9.26	3	19.710	43.57			
75 8.26	2	19.724	44.54			
75. 9.14	3	19.667	43.17			
11827	9.5	2.5820	+0.0022	+13.244	+0.277	— —
75.10.11	2	20 45 19.890	26 1 53.56			†
11828	8.9	2.5961	+0.0021	+13.246	+0.279	25°4395
72. 9.12	3	20 45 21.641	25 22 28.18			
73. 9. 8	2	21.643	28.82			
73. 9.22	3	21.664	28.45			
75. 9.18	3	21.556	28.70			
87.10.15	5	21.738	27.29			
11829	8.0	2.4940	+0.0028	+13.250	+0.268	29°4201
73. 9.20	3	20 45 24.817	29 56 51.39			c.d.l.
75. 9. 1	3	24.726	51.66			
76. 9.19	3	24.835	50.59			
11830	8.8	2.5084	+0.0027	+13.255	+0.269	29°4202
73. 9.12	3	20 45 30.120	29 20 13.83			Z.C.δ 13″6
76. 8.29	3	29.979	14.55			
80.10. 1	3	29.942	13.26			
80.10.18	3	29.987	12.79			+ 1^{m}
11831	8.9	2.4972	+0.0028	+13.263	+0.268	29°4204
73. 9.26	2	20 45 37.067	29 49 58.50			Z.C.δ 58″8
75.10. 7	3	37.063	58.91			
77. 9.29	3	37.026	59.13			
11832	9.4	2.5086	+0.0027	+13.266	+0.269	29°4205
76. 8.29	3	20 45 39.250	29 20 39.35			†Z.C.Ep.76.7
11833	9.5	2.5562	+0.0024	+13.266	+0.274	— —
79.10.20	3	20 45 40.010	27 14 11.64			†
11834	8.9	2.5811	+0.0022	+13.273	+0.276	26°4012
74.10.19	3	20 45 46.433	26 6 33.48			
75. 9. 4	3	46.440	34.14			
75. 9.17	3	46.447	32.87			
76. 9.20	3	46.415	34.80			
76 9.21	3	46.406	34.09			
77.10. 3	3	46.431	33.85			
79. 9.15	3	46.558	32.93			
79. 9.24	3	46.531	32.92			
79.10. 1	3	46.483	32.76			
79 10. 9	3	46.479	32.93			
79.10.10	3	46.596	32.28			
79.10.25	3	46.473	32.51			
80. 9.28	3	46.487	33.90			
82.10. 4	3	46.402	34.05			

11835	$9^{\mathrm{m}}2$	$2^{\mathrm{s}}5020$	$+0^{\mathrm{s}}0028$	+13″274	+0″268	29°4206
81.10.15	3	$20^{\mathrm{h}}45^{\mathrm{m}}47^{\mathrm{s}}181$	29° 38′ 39″65			
85. 9.21	7	47.186	41.08			
88. 9.27	7	47.199	41.38			
11836	9.2	2.5808	+0.0022	+13.277	+0.276	— —
72. 8.29	2	20 45 49.748	26 7 54.06			
75. 9. 4	2	49.771	53.69			
75. 9.17	2	49.708	53.57			
76. 9.21	1	49.956	54.19			§
80. 9.28	2	49.779	54.01			
11837	9.0	2.5244	+0.0026	+13.280	+0.270	28°3904
81.10.17	3	20 45 52.370	28 40 30.88			
85.10. 3	5	52.476	31.52			
88.10. 3	7	52.676	32.30			
92. 9. 8	7	52.760	30.28			
11838	9.0	2.5345	+0.0025	+13.285	+0.271	28°3905
73. 9. 1	2	20 45 56.991	28 14 2.84			
73. 9.11	1	57.067	1.63			
74. 9.22	3	56.940	2.65			
74.10.28	1	57.062	1.82			— 1^{m}
76.10.11	3	56.918	2.15			
11839	9.3	2.5143	+0.0027	+13.285	+0.269	29°4208
85.10. 7	5	20 45 57.512	29 7 20.73			Z.C.δ 20″0
86. 9.15	7	57.460	18.74			
88.10.15	7	57.395	20.46			
11840	9.2	2.6034	+0.0021	+13.292	+0.279	25°4396
86. 8.30	7	20 46 3.251	25 5 34.22			
86.10. 4	7	3.127	34.42			
90. 9.27	7	3.020	34.65			
11841	7.7	2.5631	+0.0024	+13.294	+0.274	26°4013
72. 9.18	3	20 46 5.357	26 57 41.34			
74.10.19	3	5.349	40.78			
76. 9.20	3	5.238	41.88			
11842	8.5	2.5148	+0.0027	+13.295	+0.269	29°4210
72.10.28	3	20 46 6.323	29 6 50.99			
75. 8.26	3	6.258	51.91			
75. 9. 1	2	6.283	52.64			
11843	6.1	2.5450	+0.0025	+13.299	+0.272	27°3890
72. 7.30	3	20 46 9.914	27 46 57.37			
72. 8.31	3	9.895	58.32			
72. 9.20	3	9.898	58.76			
72. 9.30	3	10.003	58.04			
73. 9.23	3	9.861	58.25			
76. 9.29	3	9.780	57.74			
11844	9.3	2.5970	+0.0021	+13.299	+0.278	25°4397
86. 9. 1	5	20 46 10.172	25 24 13.43			
86.10. 5	5	10.068	12.90			
86.10. 6	7	10.057	12.99			
11845	9.3	2.5440	+0.0025	+13.302	+0.272	27°3891
86.10. 2	5	20 46 12.417	27 49 57.56			
87.10.10	5	12.652	57.69			
88. 9.13	5	12.437	58.30			

11846 Not found on revision: not found on Oxford photograph 93.8.15. The catalogue place is 1′ wrong: see appendix 11846$^{\mathrm{a}}$

11847	$9^{\mathrm{m}}4$	$2^{\mathrm{s}}4937$	$+0^{\mathrm{s}}0028$	+13″308	+0″267	29°4211
86.11. 1	7	$20^{\mathrm{h}}46^{\mathrm{m}}17^{\mathrm{s}}815$		30° 2′ 49″23		Z.C.δ49″1
87.10.13	5	17.957		49.01		+ 1 int.
11848	9.0	2.5817	+0.0023	+13.314	+0.276	26°4014
80.10.11	3	20 46 23.655		26 8 9.97		
80.10.14	3	23.761		9.65		
11849	9.0	2.5826	+0.0023	+13.319	+0.275	— —
72. 8.30	3	20 46 28.085		26 5 59.66		†
11850	9.4	2.5142	+0.0027	+13.325	+0.268	29°4212
81.10.17	2	20 46 33.668		29 11 8.02		
81.10.19	2	33.556		8.17		
87.10.21	3	33.393		9.02		
11851	9.2	2.5697	+0.0024	+13.326	+0.274	26°4015
81.10. 8	3	20 46 34.023		26 42 12.41		
84.10.22	7	34.321		12.43		
84.10 23	7	34.351		12.96		
11852	8.7	2.5050	+0.0028	+13.334	+0.267	29°4213
73. 9.12	3	20 46 42.200		29 35 54.42		
76. 9.19	3	42.083		56.22		
79. 9.24	3	42.276		53.27		
79. 9.27	3	42.190		54.83		
79.10. 2	3	42.213		54.06		
79.10.10	3	42.325		53.84		
79.10.25	3	42.160		53.88		
11853	5.0	2.5717	+0.0024	+13.339	+0.274	26°4017
76.10. 4	3	20 46 46.696		26 37 48.33		Z.C.δ48″0
77.10. 3	2	46.661		48.04		
80. 9.29	3	46.604		47.87		
80.10.14	3	46.800		47.71		
11854	9.0	2.5575	+0.0025	+13.339	+0.273	27°3897
72. 8.31	3	20 46 46.870		27 16 40.79		Z.C.δ42″0
72. 9. 6	3	46.933		41.82		
79.10.20	3	46.889		42.16		
83. 9 5	2	47.103		43.03		
11855	8.0	2.5329	+0.0026	+13.342	+0.270	28°3907
74.10.12	3	20 46 49.439		28 23 6.18		
75.10. 6	3	49.614		7.28		
76. 9. 1	3	49.548		5.83		
11856	9.5	2.5940	+0.0022	+13.342	+0.276	— —
73. 9.25	3	20 46 49.537		25 36 3.92		†
11857	9.0	2.5090	+0.0028	+13.345	+0.267	29°4214
73. 9.20	3	20 46 52.188		29 26 19.08		
76. 8.29	2	52.348		18.35		
79. 9.25	3	52.259		17.80		
79.10.15	3	52.318		15.97		
80. 9.28	1	52.246		17.69		
80.10. 1	3	52.214		17.77		
11858	9.2	2.5234	+0.0027	+13.350	+0.269	28°3908
84. 9.10	5	20 46 56.108		28 48 50.21		
84. 9.11	5	56.168		50.73		
84. 9.12	5	56.278		49.67		
11859	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}5841$	$+0^{\mathrm{s}}0023$	+13″350	+0″275	25°4399
85.10.16	5	$20^{\mathrm{h}}46^{\mathrm{m}}56^{\mathrm{s}}554$		26° 4′ 29″75		
90.10. 9	7	56.663		28.75		
11860	8.9	2.5380	+0.0026	+13.355	+0.270	28°3910
80. 9.29	3	20 47 1.064		28 10 35.85		d.p.
92. 9.15	7	0.934		36.95		
11861	9.0	2.4927	+0.0029	+13.358	+0.266	30°4210
92. 9. 5	5	20 47 3.643		30 9 40.08		
92. 9.12	7	3.567		39.71		
11862	9.1	2.5031	+0.0028	+13.366	+0.267	29°4216
72.10.28	3	20 47 10.900		29 43 42.87		Z.C.δ42″4
79.10. 1	3	10.956		42.30		
79.10.10	3	11.105		42.09		
81. 8.24	3	11.142		43.05		
81. 8.26	2	10.898		42.65		
82.10. 4	3	10.712		41.45		
11863	8.8	2.4992	+0.0029	+13.368	+0.266	29°4217
73. 9.20	2	20 47 13.363		29 53 27.12		
76. 9.19	3	13.293		28.53		
79. 9.27	2	13.455		27.95		
79.10. 9	2	13.395		26.67		
82.10. 4	2	13.266		27.52		
11864	8.3	2.5020	+0.0029	+13.370	+0.266	29°4218
79. 9.15	3	20 47 15.005		29 46 45.78		Z.C.δ45″8
79.10. 1	2	14.951		46.09		
79.10.15	3	14.943		45.28		
81. 8.26	3	14.911		47.56		
81.10. 8	3	14.892		44.15		
11865	8.7	2.5849	+0.0023	+13.373	+0.275	25°4401
72. 9.19	3	20 47 17.641		26 4 7.53		
72.10. 9	3	17.565		7.46		
73. 9. 8	3	17.648		7.71		
11866	9.5	2.5476	+0.0026	+13.373	+0.271	27°3899
73. 9.23	2	20 47 17.841		27 46 18.11		
74.10. 8	3	18.027		18.93		
11867	9.1	2.5758	+0.0024	+13.383	+0.274	26°4019
81.10.19	3	20 47 27.136		26 30 3.71		
84. 9.17	5	27.031		3.53		
84. 9.18	5	26.891		2.76		
11868	8.0	2.5240	+0.0028	+13.398	+0.268	28°3915
76. 9. 1	3	20 47 40.380		28 51 39.48		
79. 9.24	3	40.573		38.87		
80.10. 1	3	40.448		39.74		
11869	9.1	2.5867	+0.0023	+13.398	+0.275	25°4403
84. 9.20	5	20 47 40.691		26 1 15.12		
84. 9.25	5	40.754		15.81		
11870	7.7	2.5284	+0.0027	+13.406	+0.268	28°3916
75. 9.25	3	20 47 47.736		28 40 27.47		
79. 9.24	1	48.131		26.91		
79.10. 9	3	47.839		27.16		n. p. of 2
80.10.18	3	47.799		25.48		
82. 9.21	3	47.950		27.36		
84.10.24	5	47.931		26.88		

11871	9^{m}3	2^{s}5516	+0^{s}0026	+13″408	+0″271	27°3901
91. 9.23	6	20^{h}47^{m}49^{s}961		27° 38′ 21″28		†
11872	9.2	2.6017	+0.0022	+13.409	+0.276	25°4404
91. 9.28	7	20 47 50.634		25 19 46.98		†
11873	6.6	2.5171	+0.0028	+13.411	+0.267	29°4221
79. 9.25	3	20 47 52.529		29 10 44.20		
79.10.25	3	52.493		46.11		
85.10. 7	5	52.507		47.05		
11874	9.2	2.5729	+0.0024	+13.416	+0.273	26°4021
87.10.10	5	20 47 57.349		26 40 56.15		†
11875	8.7	2 5334	+0.0027	+13.419	+0.269	28°3917
79. 9.15	3	20 47 59.746		28 28 29.24		Z.C. α 59^{s}77
86. 9. 8	3	59.793		29.61		
11876	9.4	2.5939	+0.0022	+13.420	+0.276	25°4405
90.10.10	7	20 48 0.655		25 42 27.51		
92. 9.17	7	0.943		25.14		
11877	9.5	2.5872	+0.0023	+13.426	+0.275	25°4406
81.10.15	2	20 48 6.454		26 1 50.61		†
11878	9.3	2.5964	+0.0022	+13.427	+0.276	25°4407
80. 9.18	3	20 48 7.486		25 36 16.34		
81. 8.24	2	7.705		16.82		
83. 8.28	3	7.557		16.81		
83. 9.18	3	7.401		17.49		
11879	9.2	2.5726	+0.0024	+13.434	+0.273	26°4023
86.10. 2	5	20 48 14.221		26 43 4.36		
88. 9.13	5	14.358		5.55		
11880	9.0	2.5607	+0.0025	+13.437	+0.271	27°3903
72. 8.31	3	20 48 16.955		27 16 10.03		
79.10.20	1	16.877		11.12		
79.10.25	3	16.948		9.12		
11881	9.4	2.5966	+0.0022	+13.438	+0.275	25°4409
80.10.14	3	20 48 18.143		25 36 31.98		Z.C. δ 32″3
83. 8.28	3	18.059		32.37		
83. 9.20	2	18.041		32.42		
11882	9.5	2.5361	+0.0027	+13.438	+0.269	28°3918 A
92. 9.28	3	20 48 18.228		28 22 51.87		d. n. p.
93. 8.21	6	18.007		48.46		d. n. p.
93.10.31	7	17.867		49.42		
11883	9.5	2.5361	+0.0027	+13.440	+0.269	28°3918 B
79.10.10	2	20 48 19.618		28 22 45.06		d. s. f.
93. 8 23	7	19.426		47.03		
93.10.18	7	19.387		44.99		d. s. f.
11884	9.2	2.6130	+0.0021	+13.444	+0.277	24°4267
87.10.26	4	20 48 23.276		24 50 33.35		†
11885	8.8	2.5613	+0.0025	+13.445	+0.271	27°3905
79.10.20	2	20 48 24.005		27 15 13.35		
87.10.13	5	24.223		12.42		
87.10.15	7	24.106		11.75		
92. 9.16	7	24.100		12.38		
11886	9^{m}5	2^{s}4981	+0^{s}0029	+13″462	+0″264	30°4220
81.10.19	1	20^{h}48^{m}39^{s}994		30° 5′ 21″32		†
11887	7.5	2.5224	+0.0028	+13.463	+0.267	28°3920
84. 9.12	5	20 48 41.054		29 1 35.76		
88.10. 3	7	41.228		35.21		
92. 9. 8	7	41.193		35.12		
11888	9.0	2.5179	+0.0028	+13.479	+0.266	29°4227
79. 9.27	3	20 48 55.320		29 14 47.46		
80. 9.28	3	55.226		47.87		
80.10. 1	3	55.335		47.08		
81. 8.26	2	55.250		48.95		
82. 9.21	3	55.504		47.63		
83. 9. 6	3	55.222		46.02		
83. 9.19	3	55.303		47.28		
11889	9.1	2.5187	+0.0028	+13.480	+0.266	29°4226
79. 9.25	3	20 48 56.465		29 13 0.25		
79.10.15	3	56.481		0.74		
80. 9.29	2	56.550		2.30		
82.10. 4	3	56.349		1 62		
11890	9.0	2.5537	+0.0026	+13.481	+0.270	27°3907
80. 9.18	3	20 48 57.256		27 39 2.47		Z.C. δ 2″1
80.10.14	2	57.190		2.57		
80.10.18	3	57.308		1.15		− 1 int.
11891	8.0	2.5348	+0.0028	+13.485	+0.268	28°3921
79.10. 9	3	20 49 1.373		28 30 27.01		Z.C. δ 27″7
83. 8.23	3	1.332		29.17		
83. 9. 6	1	1.339		25.97		
83. 9.18	3	1.420		26.34		
87.10.21	7	1.463		30.07		
11892	9.3	2.5254	+0.0028	+13.486	+0.267	28°3922
80.10.18	1	20 49 2.412		28 55 39.40		Z.C. δ 40″1
83. 9.12	3	2.313		40.16		
83. 9.26	3	2.083		40.60		
11893	7.0	2.5452	+0.0027	+13.488	+0.269	27°3909
79. 9.27	3	20 49 4.083		28 2 53.32		
84. 9.11	5	4.027		52.45		
84. 9.25	4	3.988		52.74		− 5^s
11894	9.1	2.5553	+0.0026	+13.489	+0.270	27°3910
79.10.25	1	20 49 5.273		27 35 22.41		Z.C. δ 21″9
81.10. 3	3	5.038		21.82		
81.10.17	3	5.114		21.88		
82.10.25	3	4.943		20.72		
83. 9.15	3	5.077		22.69		
11895	8.6	2.6074	+0.0022	+13.489	+0 276	25°4410
84. 9.20	3	20 49 5.142		25 10 19.38		[5,6,7−10^s
92. 9.14	7	5.150		18.96		w.4−8^s; w.
11896	9.1	2.5195	+0.0028	+13.492	+0.266	29°4228
79. 9.25	2	20 49 7.341		29 11 49.30		Z.C. α 7^{s}39
80. 9.29	3	7.317		49.81		− 5′
85.10.16	5	7.501		51.05		
11897	9.0	2.5364	+0.0027	+13.498	+0.268	28°3923
81. 8.24	1	20 49 13.252		28 27 18.28		Z.C. δ 17″7
92. 9.24	7	13.058		17.15		

11898	Fundamental Star					27°3911
11899	$9^m.3$	$2^s.5900$	$+0^s.0024$	$+13''.499$	$+0''.274$	25°4411
83. 9. 3	3	$20^h49^m14^s.089$		26° 0′ 1″.21		Z.C. δ 0″.7
83. 9.14	3	13.874		0.45		
83. 9.25	3	14.133		0.43		
11900	9.2	2.5525	+0.0026	+13 507	+0.269	27°3912
90 9.16	7	20 49 21.239		27 44 23.34		
92.10. 5	7	21.348		22.17		
11901	9.2	2.5559	+0.0026	+13.507	+0.269	27°3913
81.10. 3	3	20 49 21.377		27 35 10.49		Z.C. δ 10″.2
83. 9. 3	1	21.552		9.94		
83. 9.27	3	21.464		10.36		
90.10. 9	7	21.485		10.09		
11902	9.5	2.5167	+0.0029	+13.511	+0.266	29°4230
81.10.15	3	20 49 25.595		29 20 53.14		†
11903	8.4	2.6033	+0.0023	+13.525	+0.275	25°4415
79.10.20	2	20 49 38.266		25 24 33.54		
81.10. 8	3	38.403		32.52		
83. 9. 8	3	38.354		33.66		
83. 9.20	3	38.182		31.83		
11904	8.0	2.5559	+0.0027	+13.529	+0.269	27°3915
72. 7.30	3	20 49 41.689		27 37 2.83		Z.C. δ 2″.3
83. 9. 4	3	41.718		2.10		
83. 9.12	4	41.752		1.77		
83. 9.19	3	41.732		2.66		
83. 9.25	2	41.852		2.21		-5^s
11905	9.3	2.5552	+0.0027	+13.533	+0.269	27°3916
83. 9. 4	1	20 49 45.285		27 39 27.16		Z.C. δ 27″.0
83. 9.14	3	45.339		26.77		
11906	8.9	2.5409	+0.0028	+13.538	+0.267	28°3925
79. 9.27	2	20 49 50.657		28 18 51.37		
79.10.10	3	50.605		51.01		
79.10.15	3	50.486		50.50		
80. 9.28	2	50.691		51.64		
82.10. 4	1	50.717		51.57		
82.10.25	3	50.499		49.17		
84. 9.17	5	50.493		50.73		
84. 9.18	5	50.414		50.18		
11907	9.3	2.5280	+0.0029	+13.547	+0.266	28°3927
85.10. 7	5	20 49 59.681		28 54 27.41		†
11908	8.9	2.5197	+0.0029	+13.556	+0.265	29°4234
80.10. 1	3	20 50 7.049		29 17 8.24		Z.C. δ 7″.9
83. 9.20	1	7.100		7.63		
11909	9.4	2.5832	+0.0025	+13.556	+0.272	26°4027
79. 9.15	3	20 50 7.228		26 24 0.78		
83. 9.15	4	7.569		1.41		
83. 9.26	4	7.380		1.21		
11910	9.0	2.5852	+0.0025	+13.559	+0.272	26°4028
79.10. 1	3	20 50 10.181		26 18 35.88		+5′
79.10. 7	1	10.152		35.41		
79.10. 9	3	10.315		35.22		
81.10.19	2	10.209		35.21		
11911	$9^m.2$	$2^s.5480$	$+0^s.0027$	$+13''.561$	$+0''.268$	27°3921
88. 9.13	5	$20^h50^m11^s.824$		28° 1′ 23″.50		
92. 9.17	6	11.985		20.14		
11912	8.8	2.5781	+0.0025	+13.562	+0.271	26°4029
83. 8.28	1	20 50 13.034		26 38 38.76		Z.C. δ 38″.5
83. 9. 8	3	13.012		38.49		
83. 9.18	2	12.867		38.15		
11913	9.2	2.5462	+0.0027	+13.568	+0.268	28°3931
86.10. 2	5	20 50 17.835		28 6 55.07		
87.10.13	5	18.079		53.60		
11914	9.3	2.5611	+0.0026	+13.573	+0.269	27°3922
74.10.22	2	20 50 22.907		27 26 48.40		− 1 int.
92. 9.15	7	22.897		48.35		
92. 9.28	7	22.920		49.41		
11915	8.7	2.5811	+0.0025	+13.577	+0.271	26°4031
75.10. 2	2	20 50 27.024		26 31 38.76		
76.10. 4	2	26.904		39.60		
78.10.25	2	26.899		39.77		
82. 9.21	3	26.917		39.50		
11916	9.2	2.5139	+0.0030	+13.581	+0.264	29°4238
81.10. 8	2	20 50 30.263		29 34 42.73		d.s.l. + 1^s
81.10.15	3	30.205		43.70		d.s.l.
82.10.25	1	30.083		44.12		d.l.
83. 9. 5	3	30.113		46.37		d.s.
83. 9.19	2	30.137		44.91		Z.C. δ 44″.4
11917	8.8	2.6038	+0.0023	+13.582	+0.273	25°4418
73. 9.22	2	20 50 31.686		25 28 7.41		
73. 9.25	1	31.658		5.91		
74.10.21	2	31.645		5.71		
11918	8.0	2.5445	+0.0028	+13.586	+0.267	28°3935
74.10.28	3	20 50 34.892		28 13 21.46		
76.10.11	3	34.974		21.17		
79.10. 9	1	34.923		21.21		
79.10.20	1	34.884		22.55		
79.10.25	2	34.884		21.03		
80.10.18	3	34.768		21.37		
11919	7.2	2.5693	+0.0026	+13.592	+0.270	27°3924
73. 9. 4	1	20 50 41.052		27 5 50.85		
75. 9 7	2	40.608		50.05		
76. 9.25	2	40.886		50.57		
77. 8.29	2	40.674		50.41		
78.10.14	3	40.739		50.33		
11920	9.5	2.5648	+0.0027	+13.602	+0.269	27°3926
81.10.17	3	20 50 49.627		27 19 10.32		†
11921	8.4	2.5478	+0.0028	+13.603	+0.267	28°3936
73. 9.11	2	20 50 50.324		28 5 49.21		
75.10. 6	3	50.395		49.69		-10^s
79. 9.24	3	50.397		48.55		
79. 9.27	1	50.280		49.90		
80. 9.28	2	50.228		48.84		
82. 8.30	3	50.339		50.16		
11922	9.2	2.5187	+0.0029	+13.606	+0.264	29°4239
84. 9.12	5	20 50 53.809		29 24 17.01		
87.10.15	5	54.082		16.03		

11923 $8^{m}.0$ $2^{s}.5715$ $+0^{s}.0026$ $+13''.615$ $+0''.270$ 26°4033

72. 7.30	3	$20^{h}51^{m}\,1^{s}.658$	27° 1′ 30″.17	
72. 9.18	3	1.670	31.67	
74.10. 3	3	1.512	32.59	
75. 9. 4	3	1.635	32.02	
77. 9.26	3	1.354	32.95	−5′
77 10. 3	3	1.485	33.22	
78.10.24	3	1.530	33.04	

11924 9.4 2.5313 +0.0029 +13.616 +0.265 — —

79. 9.15	3	20 51 2.812	28 51 39.94	
79. 9.25	3	2.596	41.45	

11925 9.2 2.5784 +0.0025 +13.619 +0.271 26°4034

85.10.16	5	20 51 5.526	26 42 49.65	
87.10.21	5	5.752	51.35	

11926 9.1 2.5540 +0.0028 +13.620 +0.267 27°3927

84. 9.25	7	20 51 6.654	27 50 10.47	
87.10.26	4	6.629	11.00	

11927 8.3 2.5100 +0.0030 +13.621 +0 263 29°4240

72. 9. 5	3	20 51 7.613	29 48 36.60	
72.10.28	3	7.543	36.40	
76. 9.19	2	7.362	37.02	

11928 9.2 2.5071 +0.0030 +13.629 +0.262 — —

81. 8.24	2	20 51 14.983	29 56 56.97	†Z.C. δ 57″.0

11929 9.3 2.5121 +0.0030 +13.632 +0.263 29°4241

75. 9.14	3	20 51 18.215	29 44 7.29	†

11930 9.1 2.5214 +0.0030 +13.634 +0.264 29°4242

84. 9.11	5	20 51 19.312	29 19 50.58	†

11931 9.3 2.5108 +0.0030 +13.638 +0.262 29°4243

86.10. 6	5	20 51 23.399	29 48 19.41	†

11932 9.3 2.5299 +0.0029 +13.645 +0.265 28°3941

74. 9.24	3	20 51 29.767	28 57 59.19	
74 10. 2	3	29.729	59.19	
74.10.12	3	29.797	59.28	

11933 9.4 2.5128 +0.0030 +13.646 +0.262 29°4245

73. 9.26	3	20 51 31.181	29 43 43.00	Z.C. δ 43″.6
77. 9.29	3	31.096	43.87	
88.10. 3	5	31.375	43.57	
90.10.10	7	31.241	43.57	
91. 9.23	5	31.195	43.91	

11934 9.0 2.5019 +0.0031 +13.647 +0.261 30°4244

92. 9. 5	7	20 51 31.743	30 12 26.95	
92. 9. 8	7	31.964	27.13	

11935 9.3 2.6004 +0.0024 +13.655 +0.272 25°4420

81.10.17	2	20 51 39.266	25 43 39.84	†

11936 9.2 2.5080 +0.0031 +13.658 +0.262 29°4248

75.10. 7	3	20 51 42.209	29 57 27.92	
80. 9.29	3	42.384	28.93	

11937 $9^{m}.3$ $2^{s}.5849$ $+0^{s}.0025$ $+13''.662$ $+0''.270$ 26°4037

72. 8.29	3	$20^{h}51^{m}46^{s}.216$	26° 28′ 12″.94	
75. 9. 4	2	46.166	11.53	
75. 9.17	3	45.945	11.97	
76.10. 4	1	46.310	12.98	
87.10.10	7	46.409	13.07	
90 10. 8	7	46.202	12.18	
92. 9.15	4	46.082	12.30	−1′

11938 9.2 2.6104 +0.0024 +13.670 +0.272 25°4421

85.10. 7	5	20 51 53.229	25 16 27.59	
86. 8.30	7	53.171	27 97	

11939 9.4 2.5334 +0.0030 +13.672 +0.264 28°3944

74. 9.22	2	20 51 55.639	28 51 14.07	Z.C. δ 14″.2
74 10 12	2	55.686	13.68	
79. 9.24	3	55.779	13.71	
79.10. 1	3	55.584	14.29	
80. 9.29	3	55.611	14.39	
81.10. 3	3	55.588	15.23	

11940 9.3 2.5336 +0.0030 +13.678 +0.264 28°3945

74. 9 22	2	20 52 1.279	28 51 16.74	
74.10.28	3	1.254	15.89	
76.10.11	3	1.424	16.84	
79.10. 1	3	1.333	15.97	
81.10. 3	2	1.416	16.73	

11941 7.0 2.5975 +0.0025 +13.690 +0.271 25°4422

72. 9.12	3	20 52 12.369	25 55 14.10	
72. 9.19	3	12.377	14.91	
72.10. 9	3	12.511	13.92	
73. 9.25	3	12.400	15.04	
75.10.25	3	12.324	12.69	
77. 9.28	3	12.348	14.44	

11942 9.2 2.6193 +0.0023 +13.692 +0.273 24°4285

84. 9.17	5	20 52 13.903	24 52 39.51	
84. 9 18	5	13.764	39.21	

11943 8.7 2.5231 +0.0030 +13.693 +0.263 29°4249

72.10.28	2	20 52 14.488	29 20 37.91	
75.10. 7	3	14.628	38.63	
76. 8.29	3	14.687	38.39	

11944 9.3 2.5628 +0.0027 +13.693 +0.267 27°3932

86.10. 2	5	20 52 15.083	27 32 41.81	
87.10.14	4	14.934	42.15	

11945 9.4 2.5854 +0.0026 +13.697 +0.270 26°4039

77. 9. 7	3	20 52 18.365	26 29 45.48	Z.C. δ 46″.1
92. 9.17	3	18.380	46.66	

11946 9.4 2.5825 +0.0026 +13.698 +0.269 26°4041

74.10. 3	2	20 52 19.200	26 38 5.44	
75.10. 2	3	19.225	5.12	
90. 9.16	7	19.364	5.25	

11947 9.4 2.5862 +0.0026 +13.699 +0.270 26°4040

75. 9.17	2	20 52 20.035	26 27 40.68	
76.10. 4	1	20.409	40.77	
81.10.15	3	20.171	40.06	
88. 9.13	4	20.128	40.94	
88. 9.27	5	20.205	41.04	

11948 9$^{\mathrm{m}}$0 2$^{\mathrm{s}}$5077 +0$^{\mathrm{s}}$0031 +13″700 +0″261 29°4251

72. 9. 5	3	20$^{\mathrm{h}}$52$^{\mathrm{m}}$21$^{\mathrm{s}}$402	30° 2′ 1″98	Z.C.Ep. 78.2
73. 9.26	3	21.385	3.42	
75. 9.14	3	21.235	2.00	
90.10.18	2	21.311	3.84	

11949 9.0 2.5460 +0.0029 +13.700 +0.265 28°3947

73. 9.11	3	20 52 21.757	28 19 26.42	
74.10. 2	2	21.691	26.75	
75.10. 6	3	21 673	27.23	

11950 9.5 2.5097 +0.0031 +13.701 +0.261 — —

73. 9.20	3	20 52 22.566	29 57 9.59	†

11951 9.2 2.5153 +0.0031 +13.702 +0.262 29°4250

73. 9.12	2	20 52 23.228	29 42 25.46	†

11952 Not found on revision 97.10.29, 97.10.30, and 98.9.28: not found on Oxford photograph 97.9.10.

11953 9.4 2.5705 +0.0027 +13.709 +0.268 27°3933

86.11. 1	5	20 52 29.983	27 12 47.24	
88.10.19	7	29.809	48.58	

11954 9.4 2.5160 +0.0031 +13.716 +0.262 29°4252

73. 9.12	3	20 52 36.298	29 41 40.85	
92. 9.14	7	36.365	40.41	

11955 9.1 2.6109 +0.0024 +13.719 +0.272 25°4424

82.10.23	3	20 52 39.422	25 18 56.76	
90.10.13	7	39.308	57.14	

11956 7.7 2.5339 +0.0030 +13.725 +0.263 28°3951

74. 9.24	3	20 52 45.004	28 54 43.81	
74.10.28	1	45.070	43.43	
78.10.14	3	45.003	43.52	
79. 9.15	3	44.957	42.14	
79. 9.24	2	44.792	42.80	
79. 9.25	3	44.954	43.01	
79.10. 7	3	45.099	41.95	
79.10. 9	3	45.014	44.11	
79.10.15	3	45.052	42.68	
79.10.15	2	44.902	43.00	
80. 9.29	3	45.003	42.76	
90.10. 9	5	44.981	41.98	

11957 9.5 2.5933 +0.0025 +13.725 +0.270 26°4043

86. 9.30	7	20 52 45.502	26 10 8.94	†

11958 8.3 2.5366 +0.0030 +13.728 +0.264 28°3952

74. 9.22	1	20 52 47.708	28 47 39.30	Z.C. Ep. 79.9
79.10. 2	3	47.572	38.48	
79.10. 6	3	47.548	40.12	
79.10. 7	3	47.635	38.33	
79.10. 9	1	47.530	38.63	
79.10.25	3	47.434	38.03	
80. 9.18	3	47.449	39.33	
80. 9.18	3	47.579	40.09	
80. 9.28	3	47.399	38.94	
80.10. 1	3	47.516	38.70	
82. 9.21	3	47.513	38.34	

11959 8$^{\mathrm{m}}$5 2$^{\mathrm{s}}$6052 +0$^{\mathrm{s}}$0024 +13″728 +0″271 25°4425

72. 9.19	3	20$^{\mathrm{h}}$52$^{\mathrm{m}}$48$^{\mathrm{s}}$115	25° 36′ 13″81	
72 10. 9	2	47.879	12.96	
74.10. 7	3	48.049	13.47	
75.10.11	3	47.924	12.64	

11960 9.4 2.5864 +0.0026 +13.733 +0.269 — —

78.10.25	3	20 52 52.953	26 30 20.88	†

11961 8.8 2.5882 +0.0026 +13.734 +0.269 26°4045

72. 8.30	3	20 52 53.883	26 25 16.05	
72. 9.18	3	54.030	14.71	
74.10.19	2	54.099	15.16	

11962 9.0 2.6010 +0.0025 +13.741 +0.270 25°4426

73. 9. 8	2	20 52 59.779	25 49 33.23	
74.10.21	2	59.923	31.79	
78.10. 8	1	59.946	32.46	

11963 8.8 2.6017 +0.0025 +13.741 +0.270 25°4428

73. 9. 8	3	20 52 60.130	25 47 33.15	Z.C. δ 32″8
73. 9.22	3	59.983	34.40	
74.10.21	3	60.133	31.55	
78. 9.13	3	60.094	32.04	
78. 9.13	2	60.134	32.49	
78.10. 8	3	60.127	33.05	− 1 int.

11964 9.2 2.6049 +0.0024 +13.741 +0.271 25°4427

82.10.25	3	20 53 0.168	25 38 20.77	
85. 9.14	7	0.260	22.56	
85. 9.15	7	0.122	22.48	
87.10.26	5	0.377	22.89	

11965 6.7 2.5120 +0.0031 +13.742 +0.261 29°4253

73. 9.20	3	20 53 0.757	29 54 44.61	
75 8.26	3	0.779	44.94	
75. 9.29	3	0.858	44.74	
77. 9.29	3	0.839	43.92	

11966 8.5 2.5592 +0.0029 +13.742 +0.266 27°3934

72. 7.30	2	20 53 0.921	27 46 47.29	w. 7 − 1$^{\mathrm{s}}$
72. 8.31	3	0.888	49.71	
72. 9. 6	3	1.108	49.20	
72. 9.20	3	0.938	49.26	
72. 9.30	3	1.048	49.89	
75. 9. 3	3	1.100	49.30	
75. 9. 7	3	1.169	49.20	
78.10.11	3	0.996	49.76	
78.10.11	2	1.036	49.88	

11967 9.5 2.5755 +0.0027 +13.747 +0.268 26°4046

74.10. 3	2	20 53 5.766	27 2 20.00	Z.C. δ 20″3
77. 9. 7	3	5.809	18.93	v. ft.
77.10. 3	3	5.714	21.90	

11968 8.1 2.5284 +0.0030 +13.748 +0.263 29°4254

74. 9.28	3	20 53 6.696	29 11 44.79	
74. 9.28	2	6.446	44.60	
76. 8.29	3	6.658	45.16	
76. 9.19	3	6.553	44.96	

11969 9.1 2.5070 +0.0031 +13.754 +0.261 30°4258

84. 9.12	7	20 53 12.110	30 9 8.75	d.n.p.
92. 9.12	7	12.128	8.22	n.p. of 2

11970 $8^{m}3$ $2^{s}5073$ $+0^{s}0031$ $+13''754$ $+0''261$ 30°4259

82.10. 3	3	$20^{h}53^{m}12^{s}581$	30° 8′ 27″57	
84. 9.11	5	12.577	28.29	
84.10. 4	7	12.701	28.21	
85.10.16	7	12.695	28 63	
87.10.15	7	12.675	27.82	

11971 8.9 2.5177 +0.0031 +13.757 +0.261 29°4255

75.10. 7	2	20 53 14.803	29 41 19.25	microm.
76. 9.19	1	14.982	20.20	[doubtful
76.10.21	3	14.767	19.05	
80.10. 1	3	14.800	18.84	
81. 8 24	3	14.843	20.13	

11972 8.5 2.5125 +0.0031 +13.757 +0.261 29°4256

77. 9.29	1	20 53 15.314	29 54 58.58	Z.C. δ 58″2
80.10.11	3	15.322	57.74	

11973 9.4 2.5314 +0.0030 +13.758 +0.263 29°4257

81.10.17	3	20 53 16.662	29 4 39.70	
85. 9.21	7	16.671	41.57	
85. 9.22	7	16.619	41.59	
86.10. 6	7	16.675	41.47	

11974 9.3 2.5561 +0.0029 +13.779 +0.264 27°3936

73. 9. 4	3	20 53 36.022	27 58 57.36	
73. 9.23	3	35.899	56.90	
75. 9. 7	2	35.980	56.14	-1^{m}

11975 9.5 2.6006 +0.0026 +13.781 +0.269 25°4429

73. 9.25	3	20 53 37.659	25 54 3.90	
75. 9.18	3	37.665	2.75	
75.10.25	2	37.760	2.75	
77. 9.28	3	37.732	3.97	
81.10.15	2	37.698	1.60	

11976 9.1 2.6206 +0.0024 +13.781 +0.271 24°4291

72. 9.12	3	20 53 37.929	24 56 15.36	Z.C. δ 15″3
74.10. 7	3	37.818	15.47	
75.10.25	1	37.848	14.09	
77. 9.28	2	37.701	16.10	

11977 9.2 2.5160 +0.0032 +13.782 +0.261 29°4261

72. 9. 5	3	20 53 39.154	29 48 7.89	
72.10.28	3	39.244	7.74	
75. 8.26	3	39.106	8.08	
75. 9.14	3	39.183	7.45	
75. 9.29	1	39.171	7.33	
84.10.22	5	39.118	7.38	
84.10.23	5	39.177	6.01	
84.10.24	5	39.163	6.33	

11978 9.3 2.6208 +0.0024 +13.783 +0.271 24°4293

72.10. 9	2	20 53 40.404	24 55 53.30	
74.10. 7	2	40.148	52.87	+ 1′
75.10.11	3	39.968	53.36	

11979 9.0 2.6167 +0.0024 +13.785 +0.271 25°4430

72. 9.19	2	20 53 41.543	25 8 6.52	Z.C. δ 4″9
76.10. 4	1	41.408	4.84	
80. 9.28	3	41.330	4.77	
80. 9.29	2	41.568	4.38	
81.10. 3	2	41.520	3.81	

11980 $9^{m}1$ $2^{s}5267$ $+0^{s}0031$ $+13''789$ $+0''262$ 29°4262

85. 9.26	5	$20^{h}53^{m}45^{s}783$	29° 20′ 9″16	
86. 9.17	7	45.834	9.16	
88.10. 3	7	45.975	8.50	

11981 9.2 2.6111 +0.0025 +13.805 +0.270 25°4432

85.10. 7	5	20 54 0.622	25 25 60.26	
85.10.29	5	0.614	59.84	
85.11. 2	7	0.566	60.87	

11982 9.1 2 5327 +0.0030 +13.813 +0.262 29°4264

84. 9.18	5	20 54 8.672	29 6 9.90	
88. 9.27	5	8.651	11.25	

11983 9.2 2.5295 +0.0031 +13.817 +0.261 29°4265

85. 9.24	7	20 54 12.144	29 15 20.94	
86. 9. 1	4	12.117	22.33	
86.10. 2	5	12.111	21.60	

11984 9.4 2.5170 +0.0032 +13.821 +0.260 29°4266

73. 9.26	3	20 54 16.082	29 49 21.38	
76.10.21	2	16.074	19.12	v. ft.
80.10.11	3	16.210	19.65	
86.10. 5	5	16.207	21.30	

11985 9.5 2.5658 +0.0028 +13.822 +0.265 — —

78.10.24	3	20 54 16.569	27 36 6.74	† Z.C. δ 6″7

11986 9.2 2.5464 +0.0030 +13.832 +0.263 28°3957

82.10.23	3	20 54 26.441	28 30 41.66	
84. 9.20	7	26.583	41.04	

11987 9.5 2.5233 +0.0031 +13.833 +0.261 29°4267

73. 9.20	1	20 54 26.701	29 33 17.78	
74. 9.28	3	26.679	17.24	
75.10. 7	1	26.779	16.66	v. ft.

11988 9.2 2.5515 +0.0029 +13.834 +0.263 28°3958

82.10.25	3	20 54 28.367	28 16 53.49	
85.10. 1	5	28.302	55.07	
85.10. 3	5	28.254	54.45	
86. 9.29	5	28.369	56.47	

11989 9.4 2.5484 +0.0030 +13.840 +0.263 28°3959

73. 9.11	3	20 54 33.524	28 25 44.95	
74. 9.24	3	33.424	45.64	
74.10.12	3	33.577	44.99	v.ft
86.10. 4	5	33.617	45.69	

11990 8.8 2.5407 +0.0031 +13.846 +0.262 28°3960

74. 9.22	3	20 54 39.192	28 47 38.98	
74.10. 2	3	39.290	39.02	
75.10. 6	3	39.224	39.06	
86.11. 1	5	39.341	37.62	

11991 9.4 2.5261 +0.0031 +13.861 +0.260 29°4268

73. 9.12	3	20 54 53.348	29 28 44.79	Z.C. δ 44″1
73. 9.26	2	53.334	43.54	
75. 9.14	3	53.375	43.18	
77. 9.29	3	53.345	44.79	
88.10.15	6	53.445	44.17	

11992 $9^{m}.2$ $2^{s}.5674$ $+0^{s}.0029$ $+13''.863$ $+0''.265$ 27°3939

72. 8.31	3	$20^{h}54^{m}55^{s}.665$	$27°\,35'\,32''.65$	
72. 9. 6	3	55.634	31.22	
72. 9.20	3	55.541	31.80	
74.10 22	3	55.647	31.75	
75. 9. 3	3	55.582	31.25	
78.10.14	3	55.607	31.07	
81.10.17	3	55.621	31.10	
81.10.19	3	55.646	30.96	
82.10. 3	3	55.547	31.36	
90. 9.30	7	55.603	30.82	

11993 9.0 2.6003 +0.0026 +13.871 +0.268 25°4433

72.10. 9	3	20 55 2.773	26 2 55.75	
74.10. 7	3	2.730	54.97	
74.10.21	3	2.653	53.96	
75.10.11	3	2.630	54.62	

11994 9.5 2.5698 +0.0028 +13.876 +0.265 27°3940

90.10. 1	5	20 55 7.610	27 29 49.23	†

11995 9.1 2 5179 +0.0032 +13.878 +0.259 29°4270

82.10.23	3	20 55 9.682	29 52 19.98	
85. 9.14	7	9.675	18.65	
85. 9.15	5	9.518	21.02	

11996 9.5 2.5592 +0.0029 +13.879 +0.264 — —

73. 9.23	3	20 55 10.828	27 59 49.78	†

11997 9.0 2.5530 +0.0030 +13.880 +0.263 28°3962

73. 9. 9	2	20 55 11.368	28 16 60.18	
73. 9.11	3	11.310	59.65	
74.10. 2	3	11.192	59.91	
77.10. 2	3	11.298	58.47	

11998 8.5 2.5450 +0.0030 +13.880 +0.262 28°3963

74. 9.24	3	20 55 11.410	28 39 5.39	
74.10.12	3	11.574	5.73	
74.10.28	3	11.528	6.29	
76.10.11	3	11.498	6.44	

11999 8.8 2.5882 +0.0027 +13.883 +0.267 26°4048

72. 8 29	3	20 55 14.556	26 38 37.54	
72. 8.30	3	14.526	37.48	
72. 9.18	3	14.521	37.55	
75. 9.17	3	14.515	37.74	
75.10. 2	3	14.648	37.51	
77. 9.26	3	14.631	38.46	
77.10. 3	3	14.599	37.66	

12000 9.0 2.5388 +0.0031 +13.887 +0.261 28°3964

74. 9.22	3	20 55 17.849	28 56 43.58	
74.10.28	2	17.928	44.71	
75.10. 6	3	17.707	45.14	
88. 9.13	5	17.928	45.58	

12001 8.5 2.5316 +0.0031 +13.887 +0.260 29°4272

72. 9. 5	3	20 55 18.414	29 16 19.12	
72.10.28	3	18.222	18.55	
76. 9.19	3	18.291	19.92	

12002 $9^{m}.5$ $2^{s}.6133$ $+0^{s}.0025$ $+13''.896$ $+0''.269$ 25°4434

72. 9.12	3	$20^{h}55^{m}26^{s}.902$	$25°\,27'\,25''.00$	
72. 9.19	2	27.156	25.10	v. ft.
73. 9. 8	3	26.994	25.27	
73. 9.25	3	26.913	27.32	
77. 9.28	2	27.066	26.44	

12003 9.4 2.5688 +0.0029 +13.914 +0.264 27°3941

72. 7.30	3	20 55 43.832	27 36 9.49	
72. 9. 6	2	43.517	11.35	
75. 9. 3	3	43.640	10.39	
78.10.24	3	43.675	10.66	

12004 9.5 2.5692 +0.0029 +13.914 +0.264 27°3942

78.10.24	2	20 55 44.294	27 34 59.17	†

12005 8.4 2.5316 +0.0032 +13.920 +0.259 29°4277

73. 9.12	3	20 55 49.874	29 19 23.97	
73. 9.26	3	49.909	25.10	
75. 9.29	3	50.012	25.63	
76.10.21	3	50.052	23.68	

12006 9.5 2.5554 +0.0030 +13.925 +0.262 — —

84. 9.10	7	20 55 54.811	28 14 36.48	†

12007 9.5 2.6049 +0.0026 +13.927 +0.267 25°4436

83. 9.14	3	20 55 56.190	25 54 42.03	† Z.C. δ $42''.0$

12008 9.4 2.5550 +0.0030 +13.928 +0.262 28°3966

81.10.17	2	20 55 57.693	28 16 14.41	
82.10.25	3	57.629	13.48	
84. 9.12	7	57.501	15.87	

12009 9.1 2.6233 +0.0025 +13.929 +0.269 24°4303

79. 9.25	3	20 55 58.396	25 1 22.46	
79.10. 6	3	58.529	23.45	
79.10. 6	2	58.419	23.49	
79.10. 7	3	58.527	21.78	
79.10.15	3	58.583	22.24	
79.10.25	3	58.641	20.40	
81.10.15	3	58.635	22.16	
81.10.19	3	58.455	22.81	
82.10.23	3	58.628	23.50	

12010 9.1 2.5613 +0.0030 +13.934 +0.263 27°3944

73. 9. 4	3	20 56 2.855	27 59 9.80	clds.
73. 9.23	2	2.798	9.34	
74.10. 8	2	2.803	9.82	
75. 9. 7	2	2.822	9.18	
84.10.22	5	2.791	8.51	
85. 9.26	5	2.776	8.96	

12011 8.3 2.5983 +0.0026 +13.936 +0.267 26°4050

72. 8.29	3	20 56 4.609	26 14 31.65	
72. 8.30	3	4.534	31.36	
74.10. 3	3	4.550	31.52	
77.10. 3	3	4.454	31.25	

12012 9.4 2.5610 +0.0030 +13.937 +0.263 27°3945

73. 9.23	3	20 56 6.317	28 0 18.38	
74.10. 8	2	6.313	20.18	
82.10. 3	2	6.272	18.39	-5^{s}
84.10.24	5	6.175	18.94	

12013 $7\overset{m}{.}6$ $2\overset{s}{.}5699$ $+0\overset{s}{.}0029$ $+13\overset{''}{.}952$ $+0\overset{''}{.}264$ 27°3946

72. 8.31	3	$20^{h}56^{m}20\overset{s}{.}199$	$27^{\circ}\,36'\,45\overset{''}{.}55$	
72. 9.20	3	19.973	45.08	
72. 9.30	3	20.140	46.21	
74.10.22	3	20.081	44.73	
76. 9.25	3	20.119	45.65	
78.10.14	3	20.126	44.94	
78.10.14	2	20.106	46.53	

12014 9.4 2.5622 +0.0030 +13.953 +0.263 27°3947

74.10. 8	2	20 56 21.272	27 58 24.97	
75. 9. 7	3	21.352	24.95	

12015 8.8 2.5882 +0.0028 +13.955 +0.265 26°4051

74.10. 3	2	20 56 22.724	26 45 18.23	
86.10. 2	5	22.564	20.22	
92. 9.14	7	22.679	19.45	

12016 9.5 2.5907 +0.0028 +13.958 +0.265 — —

72. 9.18	2	20 56 25.673	26 38 18.82	†
77. 9. 7	2	25.606	18.61	§

12017 7.8 2.5371 +0.0032 +13.958 +0.259 29°4282

72. 9. 5	2	20 56 26.287	29 8 23.20	
73. 9.20	3	26.108	25.08	
76. 8.29	3	26.137	23.81	
76. 9.19	2	26.034	24.06	
77.10. 8	3	26.105	23.61	

12018 9.0 2.6053 +0.0026 +13.961 +0.267 25°4438

72.10. 9	3	20 56 28.840	25 56 44.97	
73. 9. 8	3	28.796	44.59	
73. 9.25	3	28.744	44.81	− 1 int.
75. 9.18	3	28.832	44.93	
83. 9.14	2	28.868	44.04	
86.10. 6	7	28.937	44.46	+ 5′

12019 9.3 2.5413 +0.0031 +13.961 +0.260 — —

74. 9.22	3	20 56 29.106	28 57 14.92	
90.10. 8	6	29.226	14.52	
90.10. 9	5	29.212	15.65	

12020 8.9 2.5960 +0.0027 +13.963 +0.266 26°4052

74.10.19	3	20 56 31.294	26 23 47.31	
75.10. 2	2	31.083	48.14	
86.10. 5	5	31.166	48.19	

12021 8.5 2.5169 +0.0033 +13.964 +0.257 29°4283

72.10.28	3	20 56 31.451	30 3 22.33	
73. 9.26	3	31.641	22.27	
86.10. 4	5	31.545	23.10	

12022 8.8 2.5909 +0.0028 +13.965 +0.265 26°4053

72. 9.18	2	20 56 32.203	26 38 20.29	Z.C. δ $20\overset{''}{.}7$
76.10. 4	3	32.149	20.61	
77. 9. 7	3	32.267	21.06	
77. 9.26	3	32.244	20.99	

12023 9.3 2.6263 +0.0025 +13.974 +0.268 24°4305

81.10.19	3	20 56 41.166	24 56 27.31	
84. 9.11	7	40.997	25.49	
84. 9.18	7	40.907	26.01	

12024 $9\overset{m}{.}0$ $2\overset{s}{.}5852$ $+0\overset{s}{.}0029$ $+13\overset{''}{.}975$ $+0\overset{''}{.}264$ 26°4054

75. 9.17	3	$20^{h}56^{m}42\overset{s}{.}012$	$26^{\circ}\,55'\,38\overset{''}{.}79$	
75.10. 2	3	42.172	39.17	
77.10. 3	3	42.069	38.85	
77.10.20	3	42.087	38.64	
78.10. 8	3	42.022	39.02	
78.10.11	3	42.031	40.01	
87.10.14	5	42.212	40.43	+ 1 int.

12025 9.0 2.6172 +0.0026 +13.978 +0.267 25°4440

72. 9.19	3	20 56 45.121	25 23 49.03	
73. 9.22	2	44.843	49.86	
73. 9.25	2	44.863	48.04	
75.10.11	3	44.846	48.70	

12026 9.5 2.6170 +0.0026 +13.985 +0.267 25°4441

72. 9.12	3	20 56 51.837	25 24 46.11	†

12027 9.5 2.5142 +0.0033 +13.988 +0.257 30°4290

85.10. 1	5	20 56 54.676	30 13 6.07	
85.10. 3	5	54.647	6.56	
86.11. 1	5	54.698	5.39	

12028 8.8 2.5683 +0.0030 +13.993 +0.262 27°3951

72. 9.20	3	20 56 59.357	27 45 10.68	
72. 9.30	3	59.423	12.56	
74.10.22	2	59.488	11.14	
87.10.15	7	59.445	11.77	

12029 7.7 2.5186 +0.0033 +13.993 +0.257 29°4284

72.10.28	1	20 56 59.871	30 1 46.63	
74. 9.28	3	59.466	46.92	
75. 9.14	3	59.634	46.86	
76. 8.29	2	59.506	47.47	
76.10.21	1	59.596	46.39	
77. 9.29	3	59.519	48.25	
77.10. 8	2	59.512	47.53	

12030 9.4 2.5667 +0.0030 +13.994 +0.262 27°3950

85.11. 2	5	20 56 60.026	27 49 41.69	
86. 9.29	5	60.030	42.58	
92. 9. 5	7	59.929	41.26	
92. 9.12	6	59.948	41.78	

12031 7.5 2.5778 +0.0029 +13.997 +0.263 27°3952

72. 7.30	3	20 57 2.770	27 18 54.89	
72. 8.31	1	2.731	55.23	
75. 9. 3	3	2.664	55.13	
75. 9. 7	1	2.670	54.61	
76. 9.29	3	2.427	55.56	
85.10. 7	5	2.657	55.68	
85.10.29	5	2.878	55.42	

12032 8.0 2.6123 +0.0026 +14.002 +0.266 25°4442

73. 9. 8	3	20 57 8.126	25 39 54.55	
74.10. 7	3	8.113	54.40	
75. 9.18	3	7.978	54.35	
88. 9.27	5	8.098	55.17	

12033 9.5 2.6008 +0.0027 +14.003 +0.265 26°4056

72. 8.30	1	20 57 9.259	26 13 30.00	†

12034 $9^{m}.2$ $2^{s}.5418$ $+0^{s}.0032$ $+14''.006$ $+0''.259$ $28^{\circ}3967$

81.10. 8	3	$20^{h}57^{m}12^{s}.282$	$29^{\circ}\ 0'\ 9''.45$	
82.10.25	3	12.143	8.13	
84. 9.25	7	12.457	10.54	
84. 9.29	7	12.325	10.88	

12035 7.1 2.6054 +0.0027 +14.010 +0.266 $25^{\circ}4443$

72.10. 9	3	20 57 15.485	26 0 58.80	Z.C. δ $57''.4$
74.10.21	3	15.323	57.52	
77. 9.28	3	15.367	55.97	

12036 Not found on revision 97.10.19; not found on Oxford photograph 94.9.29. Z.C. 5′ wrong (reduction error); see 12036ª

12036ª 9.4 2.5316 +0.0033 +14.010 +0.258 — —

80. 9.18	3	20 57 15.563	29 28 20.10	

Place confirmed by Oxford photographs 94.9.29 and 95.10.23

12037 8.0 2.5158 +0.0034 +14.014 +0.256 $30^{\circ}4293$

81.10.27	3	20 57 19.854	30 11 36.81	
84. 9.20	7	19.782	35.84	
84.20. 4	7	19.938	36.42	

12038 9.2 2.6007 +0.0027 +14.015 +0.265 $26^{\circ}4059$

75.10. 2	2	20 57 20.770	26 14 54.38	Z.C. δ $54''.3$
77. 9.26	3	20.578	54.14	

12039 9.0 2.5979 +0.0028 +14.016 +0.265 $26^{\circ}4060$

74.10. 3	2	20 57 21.375	26 23 17.08	Z.C. δ $17''.5$
74.10.19	3	21.521	17.32	
77.10. 3	2	21.391	17.90	
78.10.11	3	21.393	17.80	

12040 9.4 2.5438 +0.0032 +14.019 +0.259 $28^{\circ}3969$

73. 9.11	2	20 57 24.326	28 55 55.14	
77.10. 2	2	24.492	55.27	

12041 7.7 2.5678 +0.0030 +14.024 +0.262 $27^{\circ}3953$

72. 9. 6	2	20 57 29.418	27 49 48.50	−5′
73. 9. 4	3	29.373	49.34	−5′ clds.
73. 9.23	3	29.342	48.34	Z.C. α $29^{s}.41$
74.10.22	2	29.495	47.32	
78.10.24	3	29.408	49.01	

12042 8.1 2.5538 +0.0032 +14.032 +0.260 $28^{\circ}3970$

74. 9.24	3	20 57 36.455	28 29 31.75	
74.10. 2	3	36.333	32.11	
74.10.12	3	36.356	31.18	
76.10.11	3	36.356	31.59	

12043 8.5 2.5323 +0.0033 +14.038 +0.257 $29^{\circ}4286$

73. 9.12	3	20 57 42.091	29 29 10.41	
75.10. 7	3	42.143	11.43	
77. 9.21	3	42.063	10.44	

12044 8.0 2.6183 +0.0026 +14.038 +0.266 $25^{\circ}4444$

73. 9.22	3	20 57 41.992	25 25 36.61	
75.10.11	3	42.201	35.61	
80. 9.27	3	42.032	36.23	
80. 9.28	3	42.040	35.75	
81. 8.24	3	42.083	36.05	
81.10.17	3	42.198	35.00	
84.10.29	7	42.172	35.72	
84.10.31	7	42.094	35.58	

12045 $8^{m}.9$ $2^{s}.5302$ $+0^{s}.0033$ $+14''.038$ $+0''.257$ $29^{\circ}4285$

72. 9. 5	2	$20^{h}57^{m}42^{s}.461$	$29^{\circ}34'49''.55$	
75. 9.29	3	42.285	51.13	
76. 9.19	3	42.363	51.14	ex. ft.
88. 9.13	7	42.493	50.68	

12046 8.6 2.6262 +0.0025 +14.040 +0.267 $24^{\circ}4307$

73. 9.25	2	20 57 44.874	25 2 41.87	
75.10.25	2	44.774	41.39	
79. 9.24	3	44.699	43.11	
79. 9.25	3	44.641	41.56	
79. 9.29	3	44.737	44.05	
79.10. 7	3	44.671	41.67	
79.10.15	3	44.786	40.95	
79.10.15	2	44.716	41.35	
79.10.20	3	44.747	41.13	
79.10.20	3	44.747	41.38	
79.10.25	3	44.714	40.98	
80. 9.29	3	44.671	41.43	
81.10. 3	3	44.588	42.51	
87.10.19	7	44.918	42.10	

12047 Not found on revision 97.10.20. Z.C. 1^{m} wrong (reduction error); see 12073 (80.9.18)

12048 9.3 2.5434 +0.0032 +14.046 +0.258 $28^{\circ}3971$

73. 9. 9	3	20 57 50.482	28 59 42.11	
90.10.13	7	50.230	38.83	

12049 8.8 2.5587 +0.0031 +14.051 +0.260 $28^{\circ}3972$

74. 9.24	3	20 57 55.406	28 17 48.50	
74.10. 2	3	55.654	49.10	
88.10.15	5	55.405	48.43	

12050 7.0 2.5897 +0.0029 +14.052 +0.263 $26^{\circ}4062$

72. 8.29	3	20 57 56.204	26 50 20.47	Z.C. δ $19''.1$
75. 9. 4	3	56.161	17.97	
75. 9.17	3	56.086	19.55	
77. 9. 7	3	56.037	18.83	
77.10.15	3	56.204	18.30	
85.10.16	5	56.192	19.45	

12051 9.4 2.5531 +0.0032 +14.053 +0.259 $28^{\circ}3973$

81.10.19	3	20 57 56.874	28 33 42.75	
85. 9.14	5	56.943	44.13	
85. 9.15	5	56.947	43.37	
85. 9.24	7	57.018	42.24	

12052 9.3 2.6272 +0.0025 +14.053 +0.267 $24^{\circ}4308$

82.10.23	3	20 57 57.511	25 0 48.60	-1^{m}
85. 9.21	7	57.325	49.64	
85. 9.22	7	57.160	48.77	

12053 9.5 2.5782 +0.0030 +14.054 +0.262 — —

90. 9.29	6	20 57 58.298	27 23 10.81	−1 int.
90. 9.30	7	58.344	10.27	C−20″

12054 9.5 2.5280 +0.0033 +14.056 +0.257 $29^{\circ}4288$

73. 9.12	3	20 57 59.576	29 42 55.88	Z.C. δ $56''.8$
77.10. 8	1	59.330	55.59	
92. 9.28	6	59.893	58.36	
93.10.31	5	59.251	57.21	

12055 9.5 2.5539 +0.0032 +14.058 +0.259 — —

82.10. 3	3	20 58 1.508	28 31 46.13	†

12056	$9^{m}.5$	$2^{s}.6211$	$+0^{s}.0026$	$+14''.060$	$+0''.266$	25°4445
72. 9.19	3	$20^{h}58^{m}\ 3^{s}.247$	25° 19′ 26″.79			Z.C. δ 26″.2
74.10. 7	3	3.321	25.69			
12057	9.5	2.5256	+0.0034	+14.062	+0.256	29°4290
75.10. 7	1	20 58 5.799	29 50 4.64			ex. ft. bad
80. 9.29	1	5.744	3.71			
80.10.11	3	5.975	6.80			ex. ft.
12058	9.1	2.6269	+0.0025	+14.065	+0.267	24°4310
80. 9.27	3	20 58 8.495	25 3 1.35			
81.10. 8	2	8.851	0.07			
82.10.25	3	8.511	0.39			
84.10.22	5	8.490	1.94			
84.10.23	6	8.568	2.17			
12059	7.0	2.5527	+0.0032	+14.067	+0.259	28°3974
74. 9.22	3	20 58 10.206	28 35 56.46			
76.10.11	3	10.179	56.12			
12060	8.7	2.5223	+0.0034	+14.069	+0.256	29°4292
74. 9.28	3	20 58 12.743	29 59 44.80			
80.10.14	2	12.510	43.97			
12061	9.4	2.5348	+0.0033	+14.071	+0.257	29°4291
73. 9.26	3	20 58 14.333	29 25 56.94			−5′
76. 8.29	2	14.600	56.98			Z.C. α $14^{s}.58$
80.10.11	3	14.789	56.62			
80.10.14	3	14.539	56.30			
80.10.18	3	14.636	55.50			
12062	8.5	2.6009	+0.0028	+14.073	+0.264	26°4064
72. 8.29	2	20 58 15.957	26 19 46.28			
75. 9.17	3	15.919	46.45			
75.10. 2	2	15.946	46.87			
87.10.14	5	15.909	46.87			
12063	9.2	2.5379	+0.0033	+14.075	+0.257	29°4293
85. 9.26	5	20 58 17.935	29 17 41.14			
87.10.26	7	18.108	40.19			
12064	8.5	2.6207	+0.0026	+14.075	+0.266	25°4448
73. 9. 8	3	20 58 18.147	25 22 5.72			
74.10. 7	2	18.000	5.40			
75.10.11	3	18.140	4.58			
12065	9.5	2.5778	+0.0030	+14.080	+0.262	— —
73. 9.23	2	20 58 22.496	27 26 39.17			†
12066	9.5	2.6227	+0.0026	+14.083	+0.266	— —
73. 9.25	1	20 58 25.815	25 17 4.85			
79.10. 7	3	25.842	5.22			
12067	9.5	2.5198	+0.0034	+14.084	+0.255	30°4301
81.10.27	2	20 58 26.567	30 7 52.69			
86. 9.30	5	26.467	53.46			
88.10.19	5	26.644	53.20			
12068	9.4	2.5230	+0.0034	+14.086	+0.256	29°4294
86.10. 2	5	20 58 29.038	29 59 37.71			
86.10. 4	5	29.082	38.42			

12069	$8^{m}.2$	$2^{s}.6113$	$+0^{s}.0027$	$+14''.096$	$+0''.265$	25°4450
72. 9.12	3	$20^{h}58^{m}38^{s}.048$	25° 51′ 39″.28			
73. 9.22	3	38.026	40.39			
76.10. 4	3	38.001	40.44			D − 10″
77. 9.28	3	37.984	40.13			
12070	9.4	2.5628	+0.0031	+14.098	+0.260	28°3976
73. 9. 9	3	20 58 40.415	28 11 0.25			† d. p.
12071	9.4	2.5397	+0.0033	+14.102	+0.257	29°4295
81.10.15	2	20 58 43.778	29 15 36.69			
81.10.17	2	43.979	37.86			
86. 9.29	5	43.732	39.69			
86.10. 5	5	43.727	39.38			
12072	9.4	2.6234	+0.0026	+14.104	+0.266	25°4451
72.10. 9	3	20 58 45.754	25 16 39.45			
78. 9.13	2	45.623	40.66			
78.10. 8	3	45.497	40.49			
79. 9.24	3	45.707	39.47			
79.10. 7	1	45.689	40.10			
79.10.25	3	45.602	38.15			
12073	9.0	2.5339	+0.0033	+14.105	+0.256	29°4296
72.10.28	3	20 58 46.808	29 31 60.11			Z.C. δ 0″.9
80. 9.18	2	46.896	61.55			§
81. 8.24	2	46.977	59.69			
81.10. 3	3	46.836	60.72			
87.10.24	5	47.009	63.24			
12074	9.0	2.6197	+0.0026	+14.106	+0.265	25°4452
75. 9.18	3	20 58 47.797	25 27 49.06			
78.10.25	1	47.974	48.76			
79. 9.24	1	47.844	48.23			
79. 9.25	3	47.716	48.33			
79. 9.29	3	47.872	51.41			
12075	9.3	2.5340	+0.0033	+14.110	+0.256	29°4297
80. 9.18	3	20 58 51.886	29 32 14.78			Z.C. δ 13″.4
81. 8.24	1	51.775	13.38			
85.10. 1	5	51.666	13.01			
85.10. 3	5	51.541	12.33			
90.10.10	7	51.626	13.25			
12076	9.0	2.5876	+0.0029	+14.112	+0.262	— —
88.10. 2	5	20 58 54.281	27 2 0.46			†
12077	9.2	2.5686	+0.0031	+14.115	+0.260	27°3958
74.10. 8	3	20 58 57.582	27 56 26.73			
85.11. 2	5	57.248	27.01			
86. 8.30	7	57.383	28.24			
12078	9.1	2.5874	+0.0029	+14.125	+0.262	26°4065
81.10.19	1	20 59 6.544	27 3 52.36			
81.10.26	3	6.593	50.13			
12079	9.4	2.6238	+0.0026	+14.125	+0.265	25°4456
73. 9. 8	2	20 59 6.810	25 17 39.58			
74.10.21	3	6.877	40.47			
75.10.11	2	6.662	38.90			w. 7 − 1^{s}
75.10.25	2	6.948	39.56			
12080	9.3	2.5521	+0.0032	+14.129	+0.258	28°3978
85.10. 7	5	20 59 10.578	28 44 3.80			
85.10.29	5	10.544	2.03			

12081	9^{m}.4	2^{s}.5561	+0^{s}.0032	+14″.131	+0″.259	28°3979
82.10. 4	3	20^{h}59^{m}12^{s}.182	28° 32′ 54″.66			†
12082	8.9	2.5718	+0.0031	+14.131	+0.260	27°3959
72. 7.30	3	20 59 12.602	27 48 36.19			Z.C. δ 36″.3
72. 9.20	3	12.286	36.25			
73. 9. 4	3	12.235	37.51			clds.
74.10.22	3	12.488	35.88			
75. 9.29	3	12.351	36.18			
77. 8.16	2	12.285	36.05			
78.10.24	2	12.485	36.28			
12083	9.3	2.5797	+0.0030	+14.132	+0.261	27°3960
73. 9.23	1	20 59 12.636	27 26 20.85			
77. 8.16	2	12.683	21.45			
77. 8.29	3	12.632	22.28			s. p. of 2
86.10. 6	7	12.635	21.20			
86.11. 1	5	12.837	21.77			
12084	9.1	2.5758	+0.0031	+14.136	+0.260	27°3961
84. 9.10	7	20 59 16.773	27 38 6.12			
84. 9.11	7	16.782	5.47			
84. 9.12	7	16.772	6.19			
12085	9.2	2.5562	+0.0032	+14.139	+0.259	28°3980
87.10.15	5	20 59 19.742	28 33 25.82			Z.C. δ 26″.4
90.10. 4	2	19.640	27.05			
12086	9.5	2.6161	+0.0027	+14.141	+0.264	— —
72. 9.19	2	20 59 21.658	25 41 42.25			†
12087	9.4	2.5752	+0.0031	+14.151	+0.260	27°3962
81.10.27	1	20 59 31.755	27 41 17.58			
82.10.25	3	31.774	16.87			
88. 9.27	5	31.795	21.01			
90.10. 9	6	31.901	18.60			
12088	9.1	2.5356	+0.0034	+14.155	+0.256	29°4300
93. 8.21	7	20 59 35.153	29 32 15.99			§
93. 8.23	7	35.214	17.05			§
93. 9. 7	7	35.339	17.57			†
12089	9.5	2.5696	+0.0032	+14.156	+0.259	— —
74.10. 8	3	20 59 35.798	27 57 36.30			
78.10.11	3	36.100	36.16			
12090	9.0	2.5679	+0.0032	+14.158	+0.259	27°3963
92. 9. 5	7	20 59 38.615	28 2 29.79			
92. 9. 8	7	38.810	29.75			
12091	8.0	2.6054	+0.0028	+14.165	+0.263	26°4066
72. 8.30	3	20 59 45.165	26 15 30.00			Z.C. δ 29″.8
72. 9.18	3	45.261	29.98			
77. 9.26	3	45.231	30.69			
77.10.15	3	45.234	29.68			
77.10.20	3	45.148	28.53			
12092	9.0	2.6076	+0.0028	+14.167	+0.263	26°4067
74.10. 3	3	20 59 47.217	26 9 22.06			Z.C. δ 23″.2
75. 9. 4	3	47.247	23.99			
75. 9.17	3	47.137	22.89			
76.10. 4	3	47.154	23.30			
77. 9. 7	3	47.174	23.57			

12093	9^{m}.5	2^{s}.5413	+0^{s}.0034	+14″.167	+0″.256	29°4301
72.10.28	3	20^{h}59^{m}47^{s}.380	29° 17′ 45″.37			
73. 9.12	3	47.389	44.24			
76. 8.29	3	47.496	46.22			
12094	8.9	2.6325	+0.0026	+14.171	+0.265	24°4320
73. 9.22	3	20 59 50.625	24 55 52.69			
73. 9.25	3	50.956	52.63			
75. 9.18	3	50.745	51.84			
82.10. 4	3	50.872	51.55			
82.10.23	3	50.792	51.28			
12095	9.0	2.5666	+0.0032	+14.174	+0.259	28°3982
73. 9.11	3	20 59 53.769	28 7 60.05			
74.10. 2	3	53.749	61.12			
76.10.11	3	53.592	60.26			
78.10.14	3	53.664	59.91			
78.10.14	3	53.744	62.38			
12096	9.5	2.6004	+0.0029	+14.175	+0.262	26°4069
82.10. 3	3	20 59 54.429	26 30 57.09			†
12097	9.4	2.6045	+0.0029	+14.175	+0.262	26°4068
72. 8.29	2	20 59 54.913	26 18 42.36			†
12098	9.5	2.6165	+0.0027	+14.177	+0.264	25°4458
72. 9.12	3	20 59 56.933	25 44 10.29			– 1′
78. 9.13	2	57.026	11.34			
82.10.25	2	56.978	8.97			
85.10.16	5	57.054	10.43			
12099	8.5	2.5952	+0.0030	+14.180	+0.261	26°4070
74.10.19	3	20 59 59.468	26 46 40.05			
75.10. 2	3	59.463	40.40			– 1^{s}
77. 9.26	3	59.392	40.82			

12100 Not found on revision 97.9.3, 98.9.30, 99.9.20 and 99.10.2: not found on Oxford photographs 92.9.15 and 97.10.21

12101	9.5	2.5700	+0.0032	+14.184	+0.259	— —
72. 7.30	3	21 0 2.987	27 59 8.69			†
12102	9.4	2.6156	+0.0028	+14.189	+0.263	25°4459
72.10. 9	2	21 0 8.557	25 47 52.76			
74.10.21	3	8.432	52.97			
78.10. 8	3	8.494	54.57			
79. 9.25	2	8.369	53.23			
79.10.15	3	8.516	52.81			
80. 9.28	3	8.564	53.66			
12103	8.0	2.5573	+0.0033	+14.191	+0.258	28°3984
73. 9. 9	3	21 0 10.061	28 35 53.69			
73. 9.11	3	10.112	52.47			
74. 9.24	3	10.018	52.49			
74.10.12	3	9.994	53.16			
12104	9.2	2.6190	+0.0027	+14.191	+0.264	25°4460
84.10.22	5	21 0 10.239	25 37 51.31			Z.C. δ 51″.2
84.10.23	5	10.456	51.73			
84.10.24	5	10.237	50.65			

12105	$9^{m}.5$	$2^{s}.6175$	$+0^{s}.0028$	$+14''.193$	$+0''.263$	25°4461
74.10. 7	3	$21^{h}\ 0^{m}\ 12^{s}.131$		25° 42′ 39″.53		
85. 9.26	5	12.269		40.18		w. 5 + 10^{s}
88.10.19	3	12.449		39.09		
12106	8.1	2.5647	+0.0032	+14.196	+0.258	28°3985
74. 9.22	3	21 0 15.634		28 15 22.53		
74.10. 2	2	15.547		22.82		
74.10.28	3	15.337		21.65		
75. 9.25	3	15.449		23.05		
76.10.11	3	15.476		22.22		
12107	9.2	2.5327	+0.0035	+14.197	+0.254	29°4303
80.10.11	3	21 0 16.069		29 44 35.23		
85. 9.14	5	16.034		35.39		
85. 9.15	5	16.017		34.90		
12108	8.9	2.5447	+0.0034	+14.199	+0.256	29°4304
73. 9.26	3	21 0 18.212		29 11 45.71		p. of 3
74. 9.28	3	18.234		44.76		
75. 9.29	3	18.158		45.92		
12109	9.5	2.5470	+0.0033	+14.200	+0.257	29°4305
86.10. 2	5	21 0 18.751		29 5 15.39		† w. 4 + 10^{s}
12110	9.4	2.5275	+0.0035	+14.202	+0.254	29°4306
86. 9.30	5	21 0 21.369		29 59 25.85		† Z.C. δ 25″.9
12111	9.4	2.5597	+0.0033	+14.208	+0.258	— —
80.10.14	3	21 0 26.631		28 30 47.00		†
12112	8.5	2.5212	+0.0036	+14.211	+0.253	30°4314
93. 8.25	7	20 0 29.532		30 17 37.22		
93. 9. 4	7	29.538		37.61		
12113	9.4	2.5488	+0.0034	+14.212	+0.256	28°3986
74. 9.24	3	21 0 30.892		29 1 41.30		
74.10.28	3	30.915		41.00		
81.10.15	3	31.053		40.17		
82.10.23	3	30.966		40.11		
12114	8.5	2.5339	+0.0035	+14.214	+0.254	29°4307
74. 9.28	3	21 0 32.039		29 43 7.46		
75. 9.14	3	32.134		7.61		
75.10. 7	3	32.101		7.37		
76.10.21	3	32.109		8.17		+ 1 int.
81.10.17	3	32.039		6.94		
81.10.19	2	33.144		6.85		
81.10.26	3	32.097		5.88		
12115	9.3	2.5812	+0.0031	+14.223	+0.259	27°3968
86.10. 4	5	21 0 41.479		27 31 18.50		
90.10.13	7	41.675		18.57		
12116	9.0	2.5290	+0.0036	+14.226	+0.253	29°4308
72. 9. 5	1	21 0 44.437		29 57 42.26		
73. 9.26	2	44.103		41.42		
76. 8.29	2	44.164		42.35		
85. 9.21	5	44.229		43.32		
85. 9.22	5	44.137		44.03		
12117	9.4	2.5262	+0.0036	+14.226	+0.253	30°4315
86.10. 5	5	21 0 44.467		30 5 37.24		p. of 2
90. 9.30	7	44.491		37.02		Z.C. α 44^{s}.48

12118	$9^{m}.2$	$2^{s}.6285$	$+0^{s}.0027$	$+14''.228$	$+0''.264$	25°4462
85. 9.24	5	$21^{h}\ 0^{m}\ 46^{s}.258$		25° 13′ 11″.92		
86. 9.29	5	46.257		13.03		
12119	9.4	2.5412	+0.0035	+14.231	+0.255	29°4309
85.10. 1	5	21 0 49.298		29 24 37.08		
85.10. 3	5	49.314		36.36		
12120	8.8	2 5735	+0.0032	+14.239	+0.258	27°3970
72. 9.20	3	21 0 56.974		27 54 46.73		Z.C. δ 47″.1
74.10.22	2	56.880		47.88		
75. 9. 7	3	56.954		47.18		
77. 8.16	1	57.032		46.53		
12121	6.3	2.6044	+0.0029	+14.240	+0.261	26°4073
72. 8.29	2	21 0 57.390		26 25 29.65		Z.C. δ 29″.4
72. 8.30	3	57.360		30.00		
72. 9.18	3	57.342		29.22		
75. 9.17	3	57.317		29.45		
75.10. 2	3	57.371		29.31		
77. 9.26	2	57.220		29.43		
77.10.15	3	57.433		28.68		
12122	8.4	2.6300	+0.0027	+14.243	+0.264	25°4463
72. 9.19	3	21 1 0.640		25 10 6.93		
73. 9. 8	3	0.666		5.66		
73. 9.25	2	0.677		6.73		
74.10. 7	3	0.571		5.83		
75. 9.18	3	0.424		6.11		
96. 8.22	5	0.517		5.50		§ clds.
96. 9.19	7	0.653		5.24		§
96. 9.28	7	0.462		6.53		§ clds.
12123	9.3	2.5437	+0.0035	+14.244	+0.255	29°4312
82.10. 3	3	21 1 1.546		29 18 56.34		†
12124	9.2	2.6312	+0.0027	+14.245	+0.264	25°4464
90. 9.29	4	21 1 2.307		25 6 28.02		
90.10. 1	7	2.205		28.22		

Another star of same decl. 2^{s} p.: a brighter star n.f.

12125	9.4	2.6048	+0.0029	+14.246	+0.261	26°4074
77.10.15	1	21 1 3.343		26 25 8.13		† Z.C. δ 8″.1
12126	9.2	2.6310	+0.0027	+14.246	+0.264	— —
86.11. 1	5	21 1 3.852		25 7 26.62		Z.C. Ep. 87.8
88.10. 3	5	3.971		27.24		
12127	9.5	2.5497	+0.0034	+14.249	+0.256	— —
74. 9.22	2	21 1 6.525		29 2 58.78		† d. p.
12128	8.8	2.5341	+0.0036	+14.249	+0.253	29°4313
72 10.28	3	21 1 7.025		29 46 16.17		Z.C. δ 16″.2
77. 9.21	3	6.858		16.03		
77.10. 8	3	6.768		16.71		
80.10.11	2	6.818		15.87		
12129	9.1	2.5728	+0.0032	+14.255	+0.258	27°3972
78.10.24	3	21 1 12.722		27 58 20.34		
85.10. 7	5	12.662		19.84		
85.10.29	5	12.800		18.59		

12130 $8^{m}.1$ $2^{s}.6126$ $+0^{s}.0029$ +14″.259 +0″.262 25°4465

72. 9.12	3	$21^{h}\ 1^{m}16^{s}.380$	26° 3′ 25″.87	w. $7-1^{s}$
72.10. 9	2	16.513	27.28	
73. 9.22	3	16.241	27.25	
74.10.21	3	16.486	26.22	
75.10.11	3	16.384	25.59	
75.10.25	3	16.236	25.29	

12131 9.3 2.5951 +0.0030 +14.261 +0.260 26°4075

82.10. 4	3	21 1 18.168	26 54 56.15	
90.10.27	3	18.230	55.53	

12132 9.0 2.5408 +0.0035 +14.263 +0.254 29°4314

73. 9.12	3	21 1 19.934	29 29 4.91	
79. 9.24	3	19.934	4.27	
79. 9.25	3	19.956	4.09	
79. 9.29	3	20.156	4.62	
79.10. 7	3	20.025	4.08	
79.10.15	3	19.946	3.56	
79.10.25	3	19.940	1.38	
80. 9.29	3	19.877	4.45	
80. 9.29	3	19.917	5.49	
81. 8.24	3	19.866	5.00	

12133 9.2 2.5894 +0.0031 +14.269 +0.259 27°3974

81.10.15	2	21 1 26.373	27 12 13.56	
81.10.27	3	26.425	13.58	

12134 Not found on revision 97.10.20: Oxford photograph 95.10.23 shews no star in the place given, but a faint star about $14^{s}.4$ later. The catalogue place is probably 1 interval wrong

12135 8.7 2.5313 +0.0036 +14.277 +0.253 29°4315

92. 9.28	7	21 1 33.521	29 56 48.75	
92.10. 1	7	33.469	46.92	

12136 9.0 2.5522 +0.0034 +14.278 +0.255 28°3988

73. 9. 9	3	21 1 35.318	28 58 59.23	
73. 9.11	3	35.299	57.66	
74.10. 2	3	35.286	58.13	
75. 9.25	3	35.381	58.32	−5′

12137 9.3 2.5536 +0.0034 +14.279 +0.255 28°3987

78.10.14	3	21 1 35.766	28 55 10.30	
87.10.15	5	35.892	9.26	
90.10.10	7	35.650	10.60	

12138 Not found on revision: not found on Oxford photograph: Z.C. 1′ wrong; see appendix 12138[a]

12139 9.3 2.5606 +0.0034 +14.283 +0.256 28°3989

74.10.12	3	21 1 39.959	28 35 46.87	
74. 9.22	2	40.347	46.60	
74. 9.24	3	40.094	46.29	
76. 9. 1	2	40.085	46.90	

12140 9.5 2.6139 +0.0029 +14.284 +0.261 — —

81.10.26	2	21 1 40.693	26 1 52.44	†

12141 9.3 2.5449 +0.0035 +14.284 +0.254 29°4316

73. 9.12	3	21 1 40.660	29 20 3.54	
75.10. 7	3	40.766	3.62	
79.10. 2	3	40.721	3.17	
80. 9.28	3	40.746	3.09	

12142 $9^{m}.4$ $2^{s}.5621$ $+0^{s}.0033$ +14″.285 +0″.256 — —

80.10.14	3	$21^{h}\ 1^{m}42^{s}.029$	28° 31′ 56″.38	†

12143 9.4 2.6111 +0.0029 +14.287 +0.261 26°4077

82.10.25	3	21 1 43.491	26 10 29.36	†

12144 9.1 2.5766 +0.0032 +14.291 +0.258 27°3976

74.10.22	2	21 1 47.267	27 51 20.85	
75. 9. 7	2	47.279	20.50	
76. 9.29	3	47.280	20.47	
88.10.19	3	47.358	20.45	
90. 9.16	7	47.346	20.84	

12145 9.2 2.5732 +0.0033 +14.292 +0.257 27°3977

81.10.31	3	21 1 48.996	28 1 0.62	s. of 2
84. 9.17	7	48.816	0.18	
84. 9.18	7	48.796	0.04	
84.10.29	5	48.538	1.43	

12146 9.2 2.5762 +0.0032 +14.294 +0.257 27°3978

73. 9.23	2	21 1 50.739	27 52 44.61	
74.10. 8	3	50.692	45.12	
74.10.22	3	50.816	45.53	
75. 9. 7	2	50.790	45.48	
75.10. 5	3	50.821	44.93	
76. 9.29	3	50.842	44.60	
84. 9.12	7	50.728	45.16	§
84.10.31	5	50.818	45.31	

12147 7.0 2.5288 +0.0036 +14.295 +0.252 30°4322

75. 9.14	3	21 1 52.074	30 5 38.64	
77. 9.21	3	51.968	37.89	
79. 9.24	2	51.998	39.10	
79.10. 6	2	51.993	38.55	
79.10. 6	2	51.953	38.70	
79.10.16	3	51.910	37.87	
79.10.16	1	52.120	38.97	
80. 9.28	3	51.978	38.27	
80.10.18	3	51.867	37.83	
80.10.18	2	51.957	38.22	
81.10. 3	3	51.997	38.98	bad bisection
81.10. 3	2	51.987	39.70	

12148 9.3 2.5412 +0.0035 +14.307 +0.254 29°4318

85. 9.26	5	21 2 3.167	29 32 51.68	
90.10. 2	7	3.260	51.00	

12149 9.5 2.5825 +0.0032 +14.310 +0.258 27°3979

88.10.15	5	21 2 6.195	27 36 10.28	†.

12150 9.3 2.5411 +0.0035 +14.310 +0.254 29°4319

85.10.16	5	21 2 6.737	29 33 27.97	
86. 9.30	5	6.532	28.81	

12151 9.2 2.5732 +0.0033 +14.313 +0.257 27°3981

86.10. 6	5	21 2 8.823	28 3 18.82	
91. 9.23	7	8.649	20.32	

12152 9.5 2.5818 +0.0032 +14.314 +0.258 27°3980

84.10.22	5	21 2 9.647	27 38 38.34	†

12153 $9^{m}.0$ $2^{s}.5569$ $+0^{s}.0034$ $+14''.315$ $+0''.255$ 28°3992

74.10. 2	2	21^{h}	2^{m}	$11^{s}.046$	28°	49′	$44''.51$	Z.C. δ $43''.7$
74.10.28	3			10.966			43.57	
77.10. 2	1			10.937			44.31	
80. 9.27	3			10.832			43.85	
80.10. 1	3			10.892			42.81	
82.10.23	3			11.011			42.98	

12154 8.9 2.5282 +0.0036 +14.316 +0.252 30°4327

73. 9.26	3	21	2	11.633	30	9	40.42	
84. 9.20	7			11.644			40.05	
84.10. 4	5			11.630			40.10	
84.11. 3	7			11.652			39.26	

12155 9.1 2.5536 +0.0035 +14.316 +0.255 28°3993

76.10.11	3	21	2	11.789	28	58	58.70	—1 int.
85. 9.14	5			11.704			59.69	
91. 9.28	7			11.685			59.97	

12156 9.1 2.6138 +0.0029 +14.317 +0.261 25°4467

84. 9.10	7	21	2	12.724	26	5	28.21	
84. 9.11	7			12.641			27.45	

12157 8.8 2.5921 +0.0031 +14.317 +0.258 27°3982

72. 7.30	3	21	2	12.879	27	8	59.18	
72. 9.20	3			12.780			60.77	
72.10. 3	3			12.999			60.61	
78.10.24	3			12.846			60.31	

12158 8.9 2.5350 +0.0036 +14.328 +0.252 29°4320

72. 9. 5	2	21	2	23.811	29	52	9.92	
72.10.28	3			23.739			8.51	
76. 8.29	3			23.724			9.77	
76.10.21	3			23.701			9.86	

12159 9.1 2.5285 +0.0037 +14.329 +0.251 30°4330

75. 9.14	3	21	2	24.925	30	10	25.12	Z.C. δ $25''.8$
81.10.11	3			24.756			24.96	
86.10. 2	5			24.801			27.26	

12160 9.2 2.5582 +0.0034 +14.330 +0.255 28°3994

86. 9.29	5	21	2	25.844	28	47	43.25	†

12161 9.1 2.5483 +0.0035 +14.333 +0.254 29°4321

75.10. 7	3	21	2	28.718	29	15	41.50	Z.C. δ $40''.7$
77. 9.21	1			28.881			39.23	
77.10. 8	3			28.706			41.44	

12162 9.2 2.5728 +0.0033 +14.337 +0.256 28°3995

81.10.31	3	21	2	32.580	28	6	47.29	
84. 9.25	7			32.545			48.49	
84. 9.29	5			32.551			48.04	

12163 9.1 2.6214 +0.0028 +14.340 +0.261 25°4469

72. 9.12	2	21	2	35.441	25	45	5.67	
72 9.19	3			35.810			4.45	
73. 9. 8	2			35.547			5.52	
81.10.19	3			35.576			6.30	
85. 9.24	5			35.518			6.34	

12164 $8^{m}.9$ $2^{s}.5389$ $+0^{s}.0036$ $+14''.342$ $+0''.253$ 29°4322

74. 9.28	3	21^{h}	2^{m}	$37^{s}.763$	29°	42′	$54''.93$	
79. 9.25	3			37.627			54.43	
79.10. 7	3			37.797			54.28	
79.10.15	3			37.815			54.09	
79.10.25	3			37.780			53.92	
80.10. 1	3			37.746			53.93	
81.10.26	2			37.848			53.18	

12165 9.5 2.5787 +0.0033 +14.349 +0.257 27°3983

86.10. 4	7	21	2	44.303	27	51	6.64	Z.C. Ep. 87.7
88. 9.27	5			44.457			8.90	

12166 8.4 2.5734 +0.0033 +14.354 +0.256 28°3996

73. 9. 9	3	21	2	49.702	28	7	4.51	
73. 9.11	3			49.722			2.88	
74.10.12	3			49.656			3.17	
76. 9. 1	3			49.644			3.34	
80. 9.18	3			49.702			4.73	

12167 9.1 2.6214 +0.0029 +14.359 +0.261 25°4471

72.10. 9	3	21	2	54.817	25	47	0.68	
73. 9. 8	3			54.687			0.96	
74.10.21	3			54.628			1.48	
75.10.25	3			54.667			0.01	
77. 9.28	3			54.666			0.06	

12168 9.2 2.5612 +0.0034 +14.365 +0.255 28°3997

82.10.23	2	21	3	0.562	28	42	51.77	Z.C. Ep. 84. 8
85.10. 1	5			0.349			51.92	
85.10. 3	5			0.501			51.52	?neb. or d.

12169 9.3 2.5629 +0.0034 +14.371 +0.255 28°3999

82.10. 4	3	21	3	6.043	28	38	40.13	
85. 9.21	5			5.971			41.82	
85. 9.22	5			5.939			40.77	

12170 9.3 2.5637 +0.0034 +14.377 +0.255 28°4000

73. 9. 9	2	21	3	11.694	28	37	5.17	
82.10.25	3			11.952			3.77	
85.10. 7	6			11.757			4.89	
85.10.29	5			11.908			3.23	
85.11. 2	5			11.930			2.83	

12171 9.0 2.6015 +0.0031 +14.378 +0.258 26°4079

72. 8.29	3	21	3	12.446	26	47	41.59	
72. 8.30	3			12.705			42.02	
72 9.18	3			12.655			41.65	
77. 9.26	3			12.663			41.71	
77.10.15	2			12.655			40.88	w. 4 — 1^{s}

12172 9.3 2.5704 +0.0034 +14.380 +0.255 28°4001

86.10. 5	7	21	3	14.755	28	18	12.31	
88.10. 3	5			15.075			11.34	

12173 9.4 2.6079 +0.0030 +14.382 +0.259 26°4082

74.10. 3	2	21	3	16.583	26	29	20.41	Z.C. α $16^{s}.62$
75. 9. 4	3			16.652			20.61	
75. 9.17	3			16.539			20.15	
75.10 2	3			16.711			19.20	
78.10. 8	3			16.802			21.16	+ 5^{m}
93. 8.21	7			16.555			17.20	
93. 8.23	7			16.529			18.28	

12174 $6^{m}.1$ $2^{s}.5409$ $+0^{s}.0037$ $+14''.386$ $+0''.252$ $29^{\circ}4324$

75. 9.29	3	21^{h}	3^{m}	$20^{s}.690$	29°	$42'$	$5''.53$	c.d.s.f.
77.10. 8	3			20.860			5.29	c. d.
78.10.10	3			20.690			4.80	c. d.
79. 9.25	3			20.685			4.14	d.s. f.
79. 9.29	3			20.825			5.21	
79.10. 7	3			20.690			3.82	c.d.l.
79.10.15	3			20.723			4.42	
80. 9.28	3			20.669			4.58	d.l.
80.10.11	3			20.809			3.32	
80.10.11	3			20.780			4.14	-1^{m}

12175 9.4 2.5461 +0.0036 +14.387 +0.253 $29^{\circ}4325$

86.11. 1	5	21	3	21.850	29	27	35.46	
87.10.15	4			22.233			34.93	

12176 8.5 2.5515 +0.0036 +14.390 +0.253 $29^{\circ}4326$

72.10.28	3	21	3	24.563	29	12	55.80	Z.C. Ep. 74.4
73. 9.26	3			24.559			57.29	
76. 8.29	3			24.307			56.80	

12177 9.3 2.6130 +0.0030 +14.395 +0.259 $26^{\circ}4085$

90.10. 9	7	21	3	29.249	26	15	42.66	†

12178 9.1 2.6156 +0.0030 +14.398 +0.259 $26^{\circ}4086$

76.10. 4	3	21	3	32.212	26	8	9.51	Z.C. δ $9''.6$
77. 9. 7	3			32.383			9.74	

12179 9.0 2.6378 +0.0028 +14.402 +0.261 $24^{\circ}4333$

72. 9.19	3	21	3	36.332	25	1	53.35	
72.10. 9	2			36.115			53.32	
73. 9.22	3			36.219			53.89	
74.10. 7	3			36.171			53.55	
75. 9.18	3			36.150			53.90	
75.10.11	3			36.198			52.35	
78. 9.13	3			36.282			53.96	§
78. 9.13	3			36.412			53.72	§
81.10.17	3			36.333			52.39	

12180 7.7 2.6087 +0.0031 +14.402 +0.258 $26^{\circ}4087$

74.10. 3	3	21	3	36.713	26	28	54.64	
75. 9. 4	3			36.759			55.53	
75. 9.17	3			36.745			53.30	
75.10. 2	3			36.646			54.07	
78.10.11	3			36.730			55.55	

12181 9.3 2.5920 +0.0032 +14.408 +0.257 $27^{\circ}3984$

87.10.28	2	21	3	42.591	27	18	35.88	
90.10.13	7			42.596			36.36	

12182 9.1 2.6129 +0.0030 +14.408 +0.259 $26^{\circ}4088$

77.10.15	3	21	3	42.842	26	17	14.31	Z.C. δ $15''.7$
78.10.25	3			42.955			16.20	
84.10.31	5			42.811			16.30	
87.10.21	5			42.953			16.09	

12183 9.4 2.5646 +0.0035 +14.411 +0.254 $28^{\circ}4002$

73. 9.11	3	21	3	45.443	28	38	5.88	
74.10.28	3			45.339			5.56	
75. 9.25	3			45.555			5.99	

12184 8.9 2.5600 +0.0036 +14.412 +0.254 $28^{\circ}4003$

74. 9.24	3	21	3	46.526	28	51	28.74	Z.C. δ $28''.2$
74.10.12	3			46.560			28.63	
76.10.11	3			46.529			27.16	

12185 $8^{m}.1$ $2^{s}.5386$ $+0^{s}.0037$ $+14''.418$ $+0''.251$ $29^{\circ}4329$

72. 9. 5	3	21^{h}	3^{m}	$52^{s}.017$	29°	$52'$	$12''.20$	
73. 9.12	3			52.051			11.87	
75. 9.14	3			51.973			11.41	
75.10. 7	3			52.074			11.33	

12186 9.2 2.5621 +0.0035 +14.419 +0.254 $28^{\circ}4004$

82.10.18	3	21	3	53.129	28	46	11.63	†

12187 8.9 2.5368 +0.0037 +14.427 +0.251 $29^{\circ}4330$

73. 9.12	2	21	4	1.548	29	58	3.06	Z.C. Ep. 74.7
74. 9.28	3			1.467			2.78	
75. 9.29	3			1.299			3.24	

12188 9.0 2.5822 +0.0034 +14.431 +0.255 $27^{\circ}3986$

72. 8.31	3	21	4	5.474	27	49	49.41	
72. 9.20	3			5.385			49.38	
72.10. 3	3			5.593			47.48	
73. 9.23	3			5.530			48.01	
75. 9. 7	3			5.523			48.74	
75.10. 5	3			5.508			48.17	
76. 9.29	3			5.563			48.13	

12189 8.5 2.5683 +0.0035 +14.432 +0.254 $28^{\circ}4005$

74.10. 2	3	21	4	6.242	28	29	46.27	Z.C. δ $45''.6$
74.10.28	2			6.138			44.88	
77.10. 2	3			6.266			46.26	
79. 9.24	2			6.177			44.99	

12190 9.5 2.5497 +0.0036 +14.433 +0.252 $29^{\circ}4331$

85.10.16	7	21	4	6.874	29	22	46.09	
86.10. 6	5			6.769			44.64	

12191 9.4 2.6093 +0.0031 +14.434 +0.258 $26^{\circ}4089$

82.10. 4	3	21	4	7.413	26	30	21.06	Z.C. α $7^{s}.44$
85. 9.26	5			7.467			21.76	

12192 9.0 2.6190 +0.0030 +14.434 +0.259 $25^{\circ}4473$

73. 9.22	3	21	4	7.859	26	1	33.08	
73. 9.25	3			7.877			32.46	
74.10. 7	3			7.916			31.15	
75.10.25	3			7.926			31.06	

12193 9.5 2.5724 +0.0035 +14.447 +0.254 $28^{\circ}4006$

86. 9.30	5	21	4	21.168	28	19	43.70	†

12194 9.5 2.5468 +0.0037 +14.448 +0.252 — —

81.10.19	2	21	4	21.497	29	32	26.01	
93.10.10	6			21.903			26.67	p. of 2

12195 9.5 2.6023 +0.0032 +14.452 +0.257 $26^{\circ}4090$

86.10. 2	5	21	4	25.779	26	52	56.54	†

12196 8.6 2.6246 +0.0030 +14.456 +0.259 $25^{\circ}4475$

72. 9.12	3	21	4	29.992	25	47	12.49	
73. 9. 8	3			30.128			12.22	
74.10.21	3			30.032			12.35	
82.10. 3	3			30.020			12.18	

12197 9.1 2.5970 +0.0032 +14.456 +0.256 $27^{\circ}3987$

86. 9.29	6	21	4	30.238	27	9	3.51	
88.10.15	4			30.214			1.69	

12198 9^{m}3	2^{s}6299	+0^{s}0029	+14″457	+0″259	25°4474
85. 9.14	5	21^{h} 4^{m}30^{s}529	25° 31′ 21″15		Z.C. α 30^{s}52
85. 9.15	5	30.504	20.76		
12199 8.0	2.6183	+0.0030	+14.458	+0.258	26°4091
72. 8.30	3	21 4 32.233	26 6 23.13		
72. 9.18	3	32.258	22.92		
77. 9. 7	3	32.162	23.49		
77. 9.26	3	32.175	23.86		
12200 9.0	2.5697	+0.0035	+14.464	+0.253	28°4008
74.10.28	1	21 4 37.555	28 29 11.50		
76. 9. 1	3	37.565	12.05		
76.10.11	3	37.655	11.07		
79. 9.29	3	37.772	13.52		
12201 9.5	2.5842	+0.0034	+14.464	+0.255	27°3988
81 10.26	3	21 4 37.924	27 47 27.22		†
12202 9.5	2.5369	+0.0038	+14.465	+0.250	29°4333
79.10.25	3	21 4 38.398	30 2 9.22		†
12203 8.9	2.5604	+0.0036	+14.471	+0.252	28°4009
73. 9.11	2	21 4 45.073	28 56 31.15		
74.10.12	3	44.895	30.98		
78.10.14	3	44.885	32.27		
12204 9.0	2.5703	+0.0035	+14.473	+0.253	28°4010
73. 9. 9	3	21 4 46.700	28 28 32.04		
75. 9.25	3	46.697	30.85		
76.10.11	2	46.756	30.17		
78.10.10	3	46.534	30.76		
79. 9.24	1	46.833	30.64		
79.10. 6	3	46.701	30.61		
79.10. 6	3	46.591	31.00		
79.10.15	3	46.885	31.45		
80. 9.18	3	46.852	33.32		
80. 9.28	3	46.801	30.93		
80.10.14	3	46.858	30.07		
12205 7.9	2.6051	+0.0032	+14.477	+0.257	26°4092
72. 8.29	3	21 4 50.353	26 47 30.78		
72. 9.18	3	50.449	29.84		
75.10. 2	3	50.506	29.57		
76.10. 4	3	50.280	31.00		
77.10.15	3	50.344	27.67		
78.10.11	2	50.472	30.44		
12206 9.4	2.5949	+0.0033	+14.480	+0.256	27°3990
85. 9.22	5	21 4 53.106	27 17 39.42		†
12207 9.3	2.6256	+0.0030	+14.483	+0.259	25°4476
72.10. 9	3	21 4 56.649	25 46 55.43		Z.C. δ 56″2
73. 9.22	2	56.476	58.20		+ 5^{s}
75.10.11	3	56.265	55.03		
12208 9.4	2.5639	+0.0036	+14.483	+0.252	28°4011
87.10.26	7	21 4 56.652	28 47 46.19		
88. 9.27	7	56.703	47.15		
12209 9.4	2.5964	+0.0032	+14.486	+0.256	— —
85. 9.21	5	21 4 59.405	27 14 7.37		†

12210 9^{m}4	2^{s}5816	+0^{s}0034	+14″493	+0″254	27°3991
82.10.25	3	21^{h} 5^{m} 6^{s}205	27° 57′ 58″77		†
12211 9.3	2.5903	+0.0033	+14.496	+0.255	27°3992
85.10. 1	5	21 5 9.078	27 33 3.05		
85.10. 3	5	9.069	3.10		
90.10. 8	6	9.051	3.76		
12212 9.2	2.6143	+0.0031	+14.498	+0.257	26°4094
72. 8.29	3	21 5 11.640	26 22 26.90		
78.10.11	2	11.795	28.48		
90.10. 1	7	11.695	26 84		
12213 9.2	2.5900	+0.0033	+14.499	+0.255	27°3993
82.10.23	3	21 5 12.224	27 34 12.55		
84.10. 4	5	12.151	12.36		
90.10.10	7	12.171	13.24		
12214 9.4	2.5511	+0.0037	+14.501	+0.251	29°4335
72.10.28	3	21 5 14.892	29 26 15.12		
73. 9.26	3	14.551	16.70		p. of 2
75. 9.14	3	14.713	16.27		
12215 9.3	2.5796	+0.0034	+14.502	+0.254	28°4012
85.11. 2	5	21 5 15.177	28 4 55.41		
87.10.14	5	15.393	54.80		
80.10. 3	5	15.312	56.33		
12216 8.8	2.5568	+0.0037	+14.505	+0.251	29°4337
74. 9.28	3	21 5 18.710	29 10 40.57		Z.C. δ 40″8
76. 8.29	3	18.864	40.77		
77. 9.29	3	18.927	41.05		
12217 9.3	2.6127	+0.0031	+14.507	+0.257	26°4095
86.11. 1	5	21 5 20.247	26 28 1.81		
87.10.24	4	20.616	2.27		
12218 9.1	2.5457	+0.0038	+14.511	+0.250	29°4338
80. 9.27	3	21 5 24.461	29 42 41.07		
80.10.11	3	24.352	41.88		
81.10.26	3	24.500	40.48		
87.10.31	5	24.639	40.49		
12219 8.8	2.6282	+0.0030	+14.517	+0.258	25°4477
75. 9.18	3	21 5 30.371	25 42 30.63		
75.10.25	3	30.396	29.04		
12220 9.2	2.6084	+0.0032	+14.518	+0.256	26°4096
87.10.21	6	21 5 30.953	26 41 40.55		s. f. of 2
90.10. 2	4	30.894	39.46		
12221 8.7	2.5386	+0.0038	+14.522	+0.249	29°4340
79. 9.25	3	21 5 35.354	30 3 40.35		Z.C. δ 40″2
79.10.25	2	35.441	41.03		+ 1 int.
80. 9.29	2	35.498	39.20		
12222 8.7	2.5856	+0.0034	+14.522	+0.254	27°3994
72. 8.31	3	21 5 35.581	27 49 19.22		
72. 9.20	3	35.569	19.04		
72.10. 3	3	35.565	19.30		
73. 9.23	3	35.631	18.97		
75. 9. 7	3	35.546	19.03		

12223 $8^{\mathrm{m}}.9$ $2^{\mathrm{s}}.5538$ $+0^{\mathrm{s}}.0037$ $+14''.522$ $+0''.251$ 29°4339

75.10. 7	3	21^{h}	5^{m}	$35^{\mathrm{s}}.652$	29°	20′	$51''.39$	
79.10. 2	3			35.768			50.93	
79.10. 7	3			35.659			51.14	
79.10.15	2			35.856			51.53	
79.10.16	3			35.755			50.84	
80. 9.28	3			35.657			50.19	
80.10.18	3			35.626			51.53	

12224 8.8 2.5840 +0.0034 +14.523 +0.254 27°3995

74.10. 8	3	21	5	36.409	27	54	15.78	
76. 9.29	3			36.501			14.41	
81.10.19	2			36.288			14.51	

12225 8.8 2.5630 +0.0037 +14.531 +0.251 28°4016

76. 9. 1	3	21	5	43.785	28	55	39.34	
77.10. 2	3			43.722			42.24	
78.10.14	3			43.769			41.53	

12226 7.5 2.6024 +0.0033 +14.547 +0.255 26°4097

83. 9. 6	3	21	6	0.575	27	2	33.79	Z.C. δ $35''.2$
83. 9. 8	2			0.486			36.68	

12227 9.3 2.5612 +0.0037 +14.550 +0.251 28°4017

85. 9.24	7	21	6	2.751	29	2	54.26	n. p. of 2
86. 9.30	5			2.628			55.32	n. p. of 2

12228 8.5 2.6271 +0.0031 +14.552 +0.257 25°4478

73. 9. 8	3	21	6	4.858	25	49	23.49	
78.10.25	3			4.656			22.25	
79.10. 7	2			4.724			22.45	
82.10. 4	3			4.718			23.09	

12229 9.5 2.6267 +0.0031 +14.562 +0.257 — —

81.10. 3	2	21	6	15.625	25	51	48.43	§
83. 9.14	3			15.248			46.77	−5′ §
93.10.12	6			15.001			44.43	
93.10.31	7			14.920			42.16	w. 6.7 + 1^{s}

12230 9.5 2.5691 +0.0036 +14.567 +0.251 28°4018

75. 9.25	3	21	6	19.836	28	42	9.06	
78.10.10	3			20.094			10.26	
79.10.25	2			20.145			8.45	
82. 8.30	3			19.914			10.46	§

12231 8.9 2.5730 +0.0036 +14.568 +0.252 28°4019

78.10.14	3	21	6	20.823	28	31	10.39	
82. 9.21	2			21.005			9.93	
83. 9. 8	3			20.866			11.32	
83. 9.18	3			21.028			10.99	

12232 9.4 2.6267 +0.0031 +14.569 +0.257 25°4479

81.10. 3	2	21	6	22.304	25	52	19.66	Z.C. δ $19''.7$
82. 8.30	2			22.485			21.31	−5′ §
83.10. 6	3			22.550			19.83	−4°

12233 9.5 2.6252 +0.0031 +14.571 +0.257 — —

93.11. 7	6	21	6	23.791	25	57	10.81	† v. ft.

12234 8.7 2.6462 +0.0029 +14.572 +0.259 24°4347

93. 9. 4	7	21	6	24.823	24	53	5.45	
93. 9. 5	7			24.749			6.23	

12235 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.5374$ $+0^{\mathrm{s}}.0039$ $+14''.572$ $+0''.248$ 30°4347

93. 8.25	7	21^{h}	6^{m}	$25^{\mathrm{s}}.235$	30°	12′	$28''.69$	
93. 9. 7	7			25.275			30.69	

12236 9.4 2.6245 +0.0031 +14.572 +0.257 25°4480

79.10.25	2	21	6	25.352	25	59	20.65	
83.10.20	4			25.529			21.51	

12237 6.8 2.5590 +0.0037 +14.575 +0.250 29°4342

79.10. 7	2	21	6	28.427	29	12	0 81	Z C. δ $1''.1$
80. 9.28	3			28.283			1.30	
83. 9.20	3			28.348			1.30	

12238 8.7 2.6286 +0.0031 +14.577 +0.257 25°4481

79. 9.25	2	21	6	30.145	25	47	17.61	Z.C. δ $17''.9$
80.10.18	3			30.151			17.85	
82.10. 3	3			30.309			18.24	
83. 9.12	3			30.026			17.54	
83. 9.19	3			30.255			17.22	
83. 9.21	2			30.163			18.88	

12239 9.2 2.6271 +0.0031 +14.582 +0.257 25°4482

73. 9. 8	3	21	6	34.846	25	52	30.91	
82. 9.21	2			34.959			32.12	
82.10. 4	3			34.522			32.39	
83. 9.27	3			34.854			30.91	
83. 9.14	2			34.693			31.11	

12240 9.0 2.5533 +0.0038 +14.583 +0.249 29°4343

80.10.18	1	21	6	36.696	29	29	16.33	
83. 9.25	3			36.443			14.72	
87.10.14	3			36.521			17.40	
91. 9.28	7			36.355			16.71	

12241 9.4 2.5993 +0.0034 +14.585 +0.254 27°4000

82 10.25	3	21	6	38.350	27	16	3.49	†

12242 7.0 2.5402 +0.0039 +14.585 +0.248 30°4351

79. 9.24	2	21	6	38.569	30	6	22.28	
80. 9.29	3			38.393			22.66	
85. 9.26	5			38.512			23.35	
91. 9.23	7			38.478			24.31	

12243 8.1 2.6052 +0.0033 +14.598 +0.254 26°4100

77. 9. 7	3	21	6	50.634	26	59	60.40	Z.C. δ $59''.3$
77.10.15	3			50.755			58.11	

12244 8.0 2.6295 +0.0031 +14.608 +0.256 25°4484

80. 9.29	1	21	7	0.978	25	47	58.96	
83. 9.12	3			0.866			57.71	
83. 9.24	3			0.932			59.84	

12245 9.5 2.6467 +0.0029 +14.610 +0.258 24°4350

85.10.29	4	21	7	2.839	24	55	23.58	†

12246 8.9 2.5782 +0.0036 +14.613 +0.251 28°4021

75. 9.25	2	21	7	6.335	28	20	52.11	Z.C. δ $52''.7$
80. 9.18	3			6.340			53.29	
83. 9.15	3			6.388			52.33	
83. 9.27	2			6.264			52.96	

12247 $8^{\mathrm{m}}0$ $2^{\mathrm{s}}5763$ $+0^{\mathrm{s}}0036$ +14″613 +0″251 28°4023

78.10.10	3	21^{h}	7^{m}	$6^{\mathrm{s}}303$	28°	26′	27″26	Z.C. δ 27″7
78.10.14	2			6.419			27.44	
83. 9.24	2			6.289			28.11	
85.10. 1	5			6.319			27.69	n. f. of 2
85.10. 3	5			6.341			28.17	

12248 8.4 2.5889 +0.0035 +14.614 +0.252 27°4003

83. 8.28	2	21	7	7.095	27	49	53.66	+ 5′
83. 9.18	3			7.095			53.81	Z.C. δ 53″7
83. 9.26	3			7.319			53.53	

12249 8.9 2.5440 +0.0039 +14.623 +0.248 29°4344

79.10. 7	2	21	7	16.385	29	59	58.91	Z.C. δ 59″2
79.10. 7	2			16.396			58.91	
83. 9. 4	3			16.482			58.18	
83. 9.19	2			16.831			60.93	

12250 9.5 2.6470 +0.0029 +14.631 +0.258 24°4352

83. 9. 5	3	21	7	23.787	24	56	27.44	Z.C. δ 27″9
83.10.20	2			23.598			28.33	

12251 8.2 2.5432 +0.0039 +14.636 +0.247 29°4347

83. 9.15	3	21	7	29.524	30	3	57.26	Z.C. δ 57″7
83. 9.20	3			29.471			58.11	

12252 8.1 2.5853 +0.0036 +14.641 +0.251 27°4006

83. 8.28	3	21	7	34.286	28	3	19.26	Z.C. δ 19″4
83. 9. 8	2			34.360			20.40	+ 1′
83. 9.25	3			34.330			18.63	

12253 8.1 2.5938 +0.0035 +14.642 +0.252 27°4007

81.10.19	3	21	7	34.889	27	38	32.64	
92. 9.24	7			34.807			31.58	$w.7-1^{\mathrm{s}}$

12254 Fundamental Star 29°4348

12255 9.3 2.6211 +0.0032 +14.648 +0.255 26°4101

77. 9. 7	2	21	7	41.559	26	17	33.35	
78.10.11	3			41.561			33.84	
81.10.26	3			41.689			31.62	

12256 9.3 2.6218 +0.0032 +14.650 +0.255 26°4102

77. 9. 7	1	21	7	43.288	26	15	35.78	† Z.C. δ 35″8

12257 9.5 2.6175 +0.0033 +14.656 +0.254 — —

82.10.23	2	21	7	48.868	26	29	10.01	†

12258 7.9 2.5559 +0.0039 +14.656 +0.248 29°4349

80. 9.28	3	21	7	49.216	29	30	18.82	
87.10.31	5			49.388			19.80	
92. 9.28	7			49.289			21.09	

12259 8.8 2.5845 +0.0036 +14.656 +0.251 28°4024

83. 9. 5	3	21	7	49.614	28	7	30.74	Z.C. δ 30″6
83. 9.18	2			49.315			30.49	
83. 9.26	3			49.347			30.69	

12260 8.8 2.6309 +0.0031 +14.660 +0.255 25°4485

79.10.25	3	21	7	53.044	25	48	55.50	
80. 9.29	2			53.234			57.41	
80.10.18	2			53.142			56.25	

12261 $9^{\mathrm{m}}2$ $2^{\mathrm{s}}6413$ $+0^{\mathrm{s}}0031$ +14″663 +0″256 25°4486

82.10.25	3	21^{h}	7^{m}	$56^{\mathrm{s}}223$	25°	17′	11″02	
90.10.10	7			56.272			13.15	

12262 9.0 2.5635 +0.0038 +14.664 +0.249 29°4350

82. 9.21	2	21	7	57.988	29	9	18.26	§
93. 9.11	7			57.396			18.11	
95.10.30	5			57.310			18.96	
95.11. 1	4			57.504			18.91	

12263 9.1 2.5856 +0.0036 +14.668 +0.251 28°4026

78.10.10	3	21	8	0.791	28	5	19.30	
81.10. 3	2			0.884			19.82	
82.10. 4	3			0.651			19.78	

12264 9.3 2.6369 +0.0031 +14.670 +0.256 25°4487

86. 9.30	5	21	8	3.173	25	31	28.71	†

12265 8.2 2.6446 +0.0030 +14.672 +0.257 25°4488

82.10. 3	3	21	8	5.630	25	7	59.43	Z.C. δ 59″2
83. 9. 4	2			5.716			59.06	
83. 9.25	2			5.576			59.12	

12266 8.5 2.5720 +0.0038 +14.691 +0.249 28°4027

78.10.14	2	21	8	24.717	28	47	41.57	Z.C. δ 41″0
79.10. 7	2			24.576			40.63	
83. 9.20	2			24.513			40.69	

12267 8.9 2.6160 +0.0033 +14.696 +0.253 26°4107

77.10.15	3	21	8	29.801	26	38	0.80	
78.10.11	3			29.816			3.30	
85. 9.26	5			29.788			2.95	
87.10.28	5			29.926			1.80	

12268 9.3 2.5965 +0.0035 +14.701 +0.251 27°4009

81.10.19	2	21	8	34.881	27	37	7.75	†

12269 9.3 2.5956 +0.0035 +14.703 +0.251 27°4010

87.10.21	7	21	8	36.182	27	40	1.86	†

12270 9.5 2.5871 +0.0036 +14.708 +0.250 28°4028

83. 9.27	1	21	8	42.012	28	5	44.06	† Z.C. δ 44″1

12271 7.5 2.6340 +0.0031 +14.708 +0.255 25°4490

72. 9.19	2	21	8	42.100	25	44	40.78	
79. 9.24	3			42.051			38.59	
79.10. 6	2			41.969			39.33	
79.10.15	3			42.166			38.85	
80. 9.28	3			42.017			38.75	

12272 7.0 2.5608 +0.0039 +14.716 +0.247 29°4354

73. 9.26	3	21	8	49.891	29	23	4.54	
76.10.21	2			49.782			4.26	
80.10.18	1			49.690			4.01	

12273 9.4 2.5596 +0.0039 +14.719 +0.247 29°4355

72.10.28	2	21	8	52.242	29	26	47.97	Z.C. δ 47″0
80. 9.18	3			52.400			47.66	
83. 9. 6	4			52.380			46.13	
83. 9.12	2			52.391			46 43	

12274 $8^{m}7$ $2^{s}5678$ $+0^{s}0038$ $+14''727$ $+0''248$ 28°4030

74.10.28	3	21^{h}	9^{m}	$0^{s}456$	29°	4′	$4''73$	Z.C. δ $4''2$
75. 9.25	3			0.437			3.49	
75. 9.29	1			0.397			3.26	
77.10. 2	2			0.306			5.64	
78.10.10	1			0.537			3.96	

12275 8.3 2.5458 +0.0040 +14.728 +0.246 30°4366

79. 9.25	3	21	9	1.945	30	7	23.02	
81.10.27	2			2.233			27.70	
93. 8.21	7			1.846			27.72	

12276 9.0 2.5782 +0.0037 +14.730 +0.249 28°4031 A

78.11. 2	1	21	9	3.500	28	34	9.90	
93. 8.23	7			3.368			10.21	

12277 9.0 2.5783 +0.0037 +14.730 +0.249 28°4031 B

74. 9.22	2	21	9	3.480	28	33	51.91	
93. 8.25	2			3.482			51.89	

12278 8.5 2.5569 +0.0039 +14.731 +0.247 29°4356

74. 9.28	3	21	9	4.247	29	35	59.80	Z.C. δ $0''5$
76. 8.29	2			4.340			60.77	
77.10. 8	1			4.455			60.93	

12279 9.1 2.5923 +0.0036 +14.733 +0.250 27°4012

85.10. 1	5	21	9	6.840	27	53	1.27	
85.10. 3	5			6.731			1.56	

12280 9.3 2.6199 +0.0033 +14.734 +0.253 26°4110

75.10. 2	2	21	9	7.349	26	30	30.50	Z.C. δ $30''4$
76.10. 4	1			7.365			30.33	
77.10. 3	3			7.426			31.34	
81.10.20	2			7.638			29.34	

12281 8.4 2.5974 +0.0035 +14.735 +0.251 27°4014

72. 8.31	1	21	9	9.028	27	38	12.97	
73. 9.23	2			9.076			14.54	
74.10. 8	3			9.116			15.19	
79.10. 2	2			9.098			14.39	
79.10. 6	3			9.081			14.58	
79.10.25	3			9.075			12.47	
81.10. 3	1			9.014			14.65	
82. 9.21	2			9.295			13.79	
82.10. 3	2			8.948			13.64	
82.10. 4	3			8.899			14.06	

12282 9.3 2.6083 +0.0034 +14.735 +0.252 27°4013

81.10.26	2	21	9	9.215	27	5	30.28	
84.10. 4	5			9.236			31.17	

12283 9.3 2.6057 +0.0035 +14.742 +0.251 27°4015

87.10.14	5	21	9	15.844	27	14	8.51	
93.10.10	7			15.708			13.84	

The B.D. α is 5^{s} greater

12284 9.0 2.6031 +0.0035 +14.762 +0.251 27°4017

87.10.24	5	21	9	36.440	27	24	23.16	†

12285 9.1 2.6425 +0.0031 +14.767 +0.255 25°4492

81.10.31	2	21	9	40.960	25	24	35.42	
82.10.25	3			40.758			34.80	
85. 9.24	5			40.712			36.47	

12286 $9^{m}0$ $2^{s}5990$ $+0^{s}0036$ $+14''769$ $+0''250$ 27°4018

73. 9.23	1	21^{h}	9^{m}	$43^{s}465$	27°	37′	$12''86$	
79. 9.25	3			43.137			13.52	

12287 9.3 2.5953 +0.0036 +14.772 +0.250 27°4019

85. 9.26	3	21	9	45.893	27	48	47.18	†

12288 9.3 2.6045 +0.0035 +14.775 +0.250 27°4020

86. 9.30	5	21	9	48.977	27	21	40.04	†

12289 9.3 2.5638 +0.0039 +14.776 +0.246 29°4359

82.10.18	2	21	9	50.652	29	21	30.32	
84.11. 3	4			50.181			27.03	v.ft.

12290 8.7 2.6446 +0.0031 +14.777 +0.255 25°4493

72. 9.12	3	21	9	51.640	25	19	32.68	
72.10. 9	3			51.834			32.69	
73. 9. 8	3			51.628			32.54	clds.

12291 8.5 2.5718 +0.0039 +14.777 +0.247 28°4032

73. 9.11	3	21	9	51.838	28	58	28.67	
74.10. 2	3			51.851			28.77	
74.10.12	2			51.847			28.95	
75. 9.25	3			51.771			29.22	ft.
76.10.11	3			51.631			28.66	
76.10.14	1			51.932			29.38	
77. 9.27	3			51.872			28.31	

12292 9.0 2.5993 +0.0036 +14.782 +0.250 27°4021

72.10. 3	3	21	9	56.521	27	37	40.33	
74.10.22	3			56.490			40.27	
76. 9.29	3			56.378			40.15	
78 10.14	2			56.531			39.80	
78.10.24	3			56.463			39.95	
81.10.11	1			56.633			40.14	

12293 9.4 2.6105 +0.0035 +14.784 +0.251 26°4113

81.10.17	2	21	9	58.487	27	4	31.59	†

12294 Not found on revision 97.10.29: the catalogue place is due to a copyist's error: see 12294^{a}

12294^{a} 9.5 2.5567 +0.0040 +14.785 +0.246 29°4360

82.10.23	3	21	9	59.685	29	43	1.93	

Place confirmed by Oxford photographs 1894.10.2 and 1900.8.15

12295 9.4 2.5941 +0.0037 +14.790 +0.249 27°4022

86.10. 6	4	21	10	5.010	27	54	16.05	
88. 9.27	5			4.929			16.58	

12296 8.1 2.6027 +0.0036 +14.797 +0.250 27°4023

74.10. 8	3	21	10	11.204	27	29	29.27	
75. 9. 7	3			11.279			29.35	
75.10. 5	3			11.198			28.43	

12297 9.1 2.6224 +0.0034 +14.808 +0.252 26°4114

86. 9.29	7	21	10	22.282	26	31	0.30	
87.10.10	5			22.547			0.84	
88.10. 3	5			22.430			0.27	

12298 7$^{\rm m}$3 2$^{\rm s}$6536 +0$^{\rm s}$0031 +14″811 +0″255 24°4357

72. 9.19	3	21$^{\rm h}$10$^{\rm m}$25$^{\rm s}$849	24° 54′ 55″46	−5′
72 10. 9	3	25.964	54.77	
73. 9.25	3	25.918	56.43	
74.10.21	3	25.917	54.79	
75.10.11	3	25.860	54.96	
79. 9.24	3	25.978	55.73	
79.10. 6	2	25.836	56.01	
80. 9.27	3	25.784	55.23	
81.10.15	3	25.914	54.85	

12299 9.3 2.5843 +0.0038 +14.816 +0.248 28°4035

72. 9. 6	3	21 10 30.416	28 26 21.39	+1°
81.10.27	2	30.894	20.36	Z.C. α 30$^{\rm s}$66

12300 9.4 2.6421 +0.0032 +14.827 +0.253 25°4497

81.10.26	3	21 10 41.755	25 32 24.20
84 10.14	5	41.857	22.79
88.10.20	5	41.736	23.93

12301 7.1 2.6366 +0.0033 +14.832 +0.253 25°4498

73. 9.22	3	21 10 47.073	25 49 47.84
74.10 7	3	47.082	46.71
75.10.25	3	46.994	46.17

12302 9.4 2.6259 +0.0034 +14.838 +0.251 26°4116

72. 8.29	3	21 10 53.270	26 23 40.45
72. 8.30	3	53.249	39.62
73. 9 18	3	53.465	40.21
74.10 3	3	53.229	39.62
75. 9.17	3	53.365	40.28
75.10. 2	3	53.497	39.61
76.10.13	3	53.571	39.76

12303 9.1 2.6210 +0.0034 +14.846 +0.251 26°4117

84.10.22	5	21 11 1.906	26 39 36.28
84.10.23	5	1.820	37.35
84.10.24	5	1.742	37.42
84.10.29	5	1.970	37.95

12304 9.5 2.5912 +0.0037 +14.849 +0.248 28°4039

82.10. 4	3	21 11 4.247	28 9 34.60
85.10. 1	5	4.131	34.82
85.10. 3	5	4.103	34.70

12305 9.4 2.5705 +0.0039 +14.851 +0.246 29°4361

82.10. 3	3	21 11 6.692	29 10 46.16
85. 9.14	5	6.485	48.67

12306 9.4 2.5697 +0.0040 +14.855 +0.245 29°4362

72.10.28	3	21 11 10.902	29 13 53.42
73. 9.12	3	10.943	52.83
73. 9.26	3	10.837	53.59
75. 9.14	3	10.866	52.90
77. 9.21	3	10.945	52.87
77. 9.29	3	10.936	53.84
82.10.23	3	10.811	51.56
87.10.19	5	10.976	51.99

12307 8$^{\rm m}$7 2$^{\rm s}$6349 +0$^{\rm s}$0033 +14″861 +0″252 25°4500

73. 9.25	3	21$^{\rm h}$11$^{\rm m}$17$^{\rm s}$245	25° 58′ 23″54	
74.10.21	3	17.443	22.78	
78.10. 8	3	17.276	23.29	
78.10.25	3	17.467	23.38	ft.
79. 9.25	3	17.264	23.63	
79.10. 7	3	17.349	22.76	
79.10.25	3	17.290	22.47	
79.11. 5	3	17.377	23.43	
82.10.25	3	17.298	22.88	
84. 9.17	7	17.359	23.47	
84. 9.18	7	17.228	23.16	
87.11. 2	5	17.510	23.17	

12308 Not found on revision: not found on Oxford photograph 94.10.2, which shews a star 5′ south: see 12308$^{\rm a}$

12308$^{\rm a}$ 9.4 2.5644 +0.0040 +14.864 +0.245 — —

86.11. 1	5	21 11 19.462	29 30 6.08	−5′

Agrees with 29° 4364 in α and 29° 4363 in δ

12309 9.4 2.6470 +0.0032 +14.865 +0.253 25°4501

73. 9.22	3	21 11 21.067	25 21 22.74	−15′
74.10. 7	3	20.882	21.54	
75.10.11	3	20.892	20.96	
75.10.25	3	20.885	19.23	

12310 8.5 2.6204 +0.0035 +14 870 +0.250 26°4118

72. 8.29	3	21 11 25.753	26 44 7.09	Z.C. δ 6″0
72. 9.18	3	25.827	5.52	
75.10. 2	2	25.823	5.91	
76.10.13	3	25.739	6.04	
77.10. 3	3	25.631	6.73	
77.10 15	3	25.878	4.70	

12311 9.4 2.6009 +0.0037 +14.870 +0.248 — —

81.10.20	3	21 11 26.105	27 43 0.51	Z.C. δ 1″3
88.10.15	5	26.092	2.14	

12312 9.4 2.6451 +0.0032 +14.874 +0.253 25°4502

81.10.15	3	20 11 30.601	25 28 12.81	v. ft.
84. 9.20	5	30.128	11.92	

12313 9.0 2.6532 +0.0032 +14.877 +0.253 24°4361

92. 9.24	7	21 11 33.279	25 3 6.56
92. 9.28	7	33.236	7.16

12314 9.0 2.5609 +0.0041 +14.880 +0.244 29°4365

73. 9.12	3	21 11 36.087	29 42 25.22	Z.C. δ 24″9
74. 9.28	3	35.909	25.19	
76. 8 29	3	36.009	26.22	
80.10.11	3	36.117	24.97	
81.10.26	2	36.188	23.01	

12315 9.5 2.5891 +0.0038 +14.880 +0.247 28°4040

81.10.19	2	21 11 36.694	28 19 35.62
84. 9.25	5	36.295	37.03

12316 9.2 2.6024 +0.0037 +14.882 +0.248 27°4027

85. 9.24	5	21 11 37.628	27 40 8.56
87.10.28	7	38.041	7.92
87.10.31	7	37.785	8.20

12317	$9^{m}.5$	$2^{s}.6030$	$+0^{s}.0037$	$+14''.885$	$+0''.248$	27°4028
72.10. 3	3	$21^{h}11^{m}41^{s}.021$		$27°\,38'\,28''.56$		
74.10. 8	3	40.818		30.07		
74.10.22	3	40.894		30.14		
75. 9. 7	3	40.975		29.37		−1′
75.10. 5	3	40.770		29.95		
12318	9.3	2.5992	+0.0037	+14.887	+0.248	27°4029
78.10.24	3	21 11 43.803		27 50 20.56		
86.10. 2	5	43.723		20.91		
90.10.10	7	43.806		19.35		
12319	9.5	2.5750	+0.0040	+14.887	+0.245	28°4041
75. 9.25	3	21 11 43.802		29 2 20.38		†
12320	9.1	2.6124	+0.0036	+14.891	+0.249	27°4030
73. 9.23	3	21 11 47.000		27 10 42.09		
87.10.10	1	47.138		43.80		
90.10.13	7	46.917		44.22		
12321	9.5	2.6259	+0.0035	+14.892	+0.250	26°4119
85. 9.26	5	21 11 48.109		26 30 2.61		
88. 9.27	5	48.215		2.12		
12322	9.5	2.6021	+0.0037	+14.893	+0.248	27°4031
72. 8.31	3	21 11 49.124		27 42 5.09		
72. 9. 6	2	49.265		5.56		
12323	9.5	2.6027	+0.0037	+14.895	+0.248	— —
72.10. 3	2	21 11 51.410		27 40 48.04		†
12324	9.1	2.6547	+0.0032	+14.897	+0.253	24°4365
72. 9.12	3	21 11 53.253		25 0 30.36		
72. 9.19	3	53.136		31.50		
84. 9.11	7	53.041		31.03		
84. 9.12	7	53.133		30.47		
87.10.26	5	53.079		31.21		§
12325	8.0	2.5519	+0.0042	+14.897	+0.243	30°4386
72.10.28	3	21 11 53.216		30 10 15.01		w. $3-2^{s}$
73. 9.26	3	53.434		15.53		Z.C. $\delta 15''.7$
76.10.21	3	53.369		15.89		
77. 9.21	3	53.259		14.25		
77.10. 8	3	53.216		18.10		
80.11. 4	3	53.274		15.37		
12326	9.5	2.5987	+0.0038	+14.905	+0.247	27°4032
82.10. 3	3	21 12 1.955		27 53 55.37		
85.10. 7	5	1.731		56.26		
85.10.29	5	1.853		55.39		
12327	9.4	2.5793	+0.0040	+14.907	+0.245	28°4042
86. 9.30	5	21 12 3.963		28 52 6 61		
88.10.19	6	4.169		4.49		
12328	8.8	2.5740	+0.0040	+14.911	+0.245	29°4366
74. 9.28	3	21 12 8.082		29 8 2.40		
75.10. 7	3	8.122		2.14		
76. 8.29	2	8.249		3.12		clds.
78.10.10	3	8.038		2.27		
79.10.15	3	8.074		1.26		
79.10.16	3	8.301		2.42		
82.10.18	3	8.297		2.63		
88.10. 2	5	8.275		1.80		
12329	$9^{m}.2$	$2^{s}.6059$	$+0^{s}.0037$	$+14''.913$	$+0''.248$	27°4033
86.10. 5	5	$21^{h}12^{m}10^{s}.214$		$27°\,33'\,9''.77$		†
12330	9.5	2.6092	+0.0037	+14.913	+0.248	27°4034
86.10. 6	5	21 12 10.255		27 23 23.20		†
12331	9.1	2.6218	+0.0036	+14.914	+0.249	26°4121
72. 8.30	3	21 12 11.317		26 44 56.66		
85.10.16	5	11.381		56.19		
85.11. 2	5	11.369		56.06		
86.10.23	7	11.262		56.87		
12332	8.9	2.5825	+0.0039	+14.915	+0.245	28°4044
73. 9.11	3	21 12 13.209		28 43 32.03		Z.C. $\delta 31''.6$
74. 9.22	3	13.271		31.38		
76. 9. 1	3	13.325		32.18		
76.10.11	3	13.252		32.35		
76.10.14	3	13.313		30.52		
77. 9.27	3	13.254		31.10		
77.10. 2	3	13.262		31.83		
12333	9.2	2.5738	+0.0040	+14.918	+0.244	29°4368
75. 9.14	3	21 12 14.931		29 9 33.57		
75.10. 7	3	15.103		33.45		
77. 9.29	3	15.030		33.31		
78.11. 2	2	15.175		32.26		
86. 9.29	5	15.069		33.72		
88.10. 3	6	15.248		33.45		
90 10. 8	7	15.127		33.84		
12334	9.5	2.6576	+0.0032	+14.927	+0 253	24°4367
80. 9.27	3	21 12 24.861		24 54 39.09		†
12335	9.5	2.5716	+0.0041	+14.930	+0.244	29°4369
81.10.31	2	21 12 27.672		29 17 21.30		† v. ft.
12336	9.5	2.6346	+0.0034	+14.941	+0.250	26°4124
81.10.19	3	21 12 38.932		26 8 22.31		†
12337	7.8	2.5616	+0.0042	+14.942	+0.243	29°4372
72.10.28	3	21 12 39.745		29 47 60.12		
73. 9.12	3	39.724		59.07		
76.10.21	3	39.712		60.44		
84.11. 3	7	39.792		59.05		
12338	9.4	2.5698	+0.0041	+14.943	+0.244	— —
81.10.15	2	21 12 40.724		29 24 4.22		
87.10.21	7	41.061		5.26		
91. 9.23	7	40.613		6.62		
91. 9.28	7	40.555		6.17		
12339	7.8	2.5512	+0.0043	+14.943	+0.242	30°4393
93. 8.21	7	21 12 40.823		30 17 53.44		
93. 8.23	6	40.731		53.41		
12340	9.3	2.5776	+0.0040	+17.945	+0.244	28°4046
88.10.20	5	21 12 43.078		29 1 33.45		
90.11. 1	5	42.995		32.06		
12341	8.8	2.5802	+0 0040	+14.946	+0.244	28°4047
74. 9.22	3	21 12 44.389		28 53 56.97		
74.10. 2	3	44.302		58.99		
74.10.12	3	44.386		59.20		
76.10 11	3	44.311		58.50		
77. 9.27	2	44.507		58.50		

12342	$9^{m}5$	$2^{s}5898$	$+0^{s}0039$	+14″952	+0″245	28°4048
82.10.23	3	$21^{h}12^{m}50^{s}241$		28°26′14″94		†
12343	7.6	2.5566	+0.0042	+14.953	+0.242	29°4374
73. 9.26	3	21 12 51.027		30 3 54.04		Z.C. δ 52″8
77. 9.21	2	50.973		53.01		
84.10.14	5	51.014		51.25		
12344	9.3	2.5822	+0.0040	+14.954	+0.244	28°4049
86.11. 1	5	21 12 52.105		28 49 12.39		†
12345	9.5	2.6434	+0.0033	+14.955	+0.251	25°4504
73. 9.25	3	21 12 53.703		25 42 23.34		
75.10.11	3	53.706		24.26		
84.10.29	5	53.831		24.56		
12346	9.5	2.6441	+0 0033	+14.961	+0.250	25°4505
75.10.11	2	21 12 59.375		25 40 58.12		
81.10.20	3	59.717		60.64		
84.10.22	5	59.570		60.20		
84.10.24	3	59.680		61.41		
12347	9.5	2.6144	+0.0036	+14.965	+0.248	— —
73. 9.23	3	21 13 3.019		27 13 24.83		†
12348	8.6	2.5762	+0.0040	+14.965	+0.244	29°4376
75. 9.14	3	21 13 3.317		29 8 9.44		Z.C. δ 8″5
77.10. 8	1	3.179		9.97		
78.10.10	3	3.284		8.90		
78.11. 2	3	3.388		8.54		
79. 9.24	3	3.314		8.40		
79. 9.25	3	3.236		8.33		
79. 9.29	3	3.341		7.90		−10′
79.10. 2	3	3.294		8.79		
79.10. 7	3	3.312		7.64		
79.10.15	3	3.276		8.04		
79.10.16	3	3.343		8.61		
79.10.25	3	3.144		7.83		
79.11. 5	3	3.425		8.89		
80. 9.28	3	3.328		8.01		−5′
12349	9.3	2.6129	+0.0037	+14.968	+0.247	27°4037
82.10.25	3	21 13 6.816		27 18 12.47		Z.C. α $6^{s}75$
85.10. 1	7	6.729		13.99		Z.C. Ep. 84.8
85.10. 3	5	6.700		14.51		
12350	9.5	2.5850	+0.0040	+14.984	+0.244	28°4050
73. 9. 9	2	21 13 23.252		28 44 18.55		† clds.
12351	8.7	2.5790	+0.0040	+14.986	+0.244	28°4051
73. 9.11	3	21 13 25.109		29 2 19.29		Z.C. δ 20″1
74.10. 2	3	25.100		20.94		
75. 9.25	3	25.177		19.65		
76.10.14	3	24.969		20.10		
77.10. 2	3	25.122		20.57		
12352	8.6	2.6446	+0.0034	+14.987	+0.250	25°4507
72. 9.12	3	21 13 26.139		25 42 16.15		
72.10. 9	2	26.326		15.30		$\pm 2^{s}$
73. 9.22	3	26.045		16.41		
81.10.27	3	26.173		15.46		

12353	$9^{m}5$	$2^{s}5847$	$+0^{s}0040$	+14″989	+0″244	— —
79.10.25	3	$21^{h}13^{m}28^{s}524$		28°45′45″11		†
12354	8.2	2.6474	+0.0034	+14.990	+0.250	25°4508
72. 9.19	3	21 13 29.210		25 33 54.52		
74.10. 7	3	29.272		52.63		
74.10.21	3	29.263		53.37		
78.10. 8	3	29 149		52.47		
78.10. 8	2	29.209		53.56		
12355	9.3	2.5799	+0.0040	+14.990	+0.244	28°4052
75. 9.25	1	21 13 29.281		29 0 16.38		Z.C. δ 16″1
77.10. 2	2	29.419		15.82		
12356	8.6	2.6591	+0.0032	+14.992	+0.251	24°4373
73. 9. 8	3	21 13 31.334		24 57 15.29		
73. 9.25	3	31.315		16.85		
74.10. 7	2	31.185		15.30		
75.10.25	3	31.156		14.66		
12357	9.2	2.5989	+0.0039	+14.995	+0.245	27°4039
85. 9.24	7	21 13 34.530		28 4 8.95		
87.10.14	5	34.843		9.93		
12358	7.2	2.5759	+0.0041	+15.000	+0.243	29°4378
72.10.28	3	21 13 39.583		29 13 2.15		
76.10.21	3	39.467		2.14		
77. 9.29	3	39.285		2.43		
79.10. 7	3	39.408		0.30		
80.10.11	2	39.451		1.04		
12359	9.3	2.5947	+0.0039	+15.007	+0.245	28°4053
81.10.26	3	21 13 46.691		28 18 1.16		
84. 9.20	5	46.498		2.81		
84. 9.25	5	46.629		3.93		
12360	9.5	2.5710	+0.0042	+15.009	+0.242	29°4379 A
86.10. 2	5	21 13 48.753		29 28 43.19		† v. ft.
12361	9.5	2.5711	+0.0042	+15.009	+0.242	29°4379 B
86.10. 4	5	21 13 49.377		29 28 24.95		†
12362	9.5	2.6025	+0.0039	+15.015	+0.245	— —
72. 8.31	3	21 13 54.551		27 55 16.09		
72. 9. 6	3	54.401		16.80		
12363	9.0	2.5778	+0.0041	+15.019	+0.243	29°4380
73. 9.12	3	21 13 59.149		29 9 58.36		Z.C. δ 58″6
73. 9.26	3	59.248		59.76		
77. 9.21	1	59.100		58.68		
81.10.17	3	59.373		57.50		
12364	9 4	2.6558	+0.0033	+15.024	+0.250	25°4510
86. 9.29	5	21 14 4.475		25 11 0.45		
86.10. 5	5	4.441		0.79		
12365	9.4	2.6173	+0.0037	+15.027	+0.247	27°4040
73. 9.23	3	21 14 7.619		27 11 44.13		
82.10. 3	3	7.676		43.61		
82.10.18	3	7.948		44.79		v. ft.
85. 9.22	5	7.618		45.07		

12366 9^{m}3 2^{s}5635 +0^{s}0043 +15″027 +0″241 29°4381

85.10. 7	5	21^{h}14^{m} 7^{s}760	29° 53′ 7″96	
85.10.16	5	7.777	8.60	
85.10.29	5	7.892	7.06	
85.11. 2	4	7.775	7.61	v. ft.

12367 9.5 2.6321 +0.0036 +15.030 +0.248 26°4128

72. 9.18	2	21 14 10.531	26 26 18.71	+1^{s}
74.10. 3	3	10.439	19.07	Z.C. δ 18″2
77.10. 3	3	10.319	18.29	
77.10.15	3	10.638	16.57	

12368 9.5 2.6313 +0.0036 +15.032 +0.248 26°4129

74.10. 3	2	21 14 12.128	26 29 9.50	
81.10.27	3	12.463	9.16	
82.10. 4	3	12.487	8.61	

12369 8.9 2.5602 +0.0043 +15.033 +0.241 29°4382

74. 9.28	3	21 14 14.089	30 3 24.65	
76. 8.29	3	14.370	23.66	ex. ft.
76. 9.19	3	14.194	25.11	
80. 9.27	3	14.244	23.17	

12370 9.4 2.5583 +0.0043 +15.037 +0.240 30°4397

79.11. 7	3	21 14 17.820	30 9 19.76	
86.10. 6	5	17.736	19.41	

12371 8.5 2.6161 +0.0038 +15.037 +0.246 27°4042

92. 9.24	7	21 14 17.743	27 16 43.86	
92. 9.28	7	17.871	46.41	

12372 8.2 2.6221 +0.0037 +15.039 +0.247 26°4130

72. 8.30	3	21 14 19.871	26 58 34.92	Z.C. δ 34″7
75. 9. 4	3	19.987	35.22	
75. 9.17	3	19.881	35.04	
77. 9.26	3	19.944	34.21	
77.10. 6	3	19.935	33.89	
77.10. 6	2	20.185	34.11	
78.10.11	3	20.053	35.71	
78.10.11	3	20.133	35.63	
81.10.11	3	20.141	33.72	

12373 8.1 2.5715 +0.0042 +15.040 +0.242 29°4383

74. 9.28	3	21 14 21.413	29 31 10.44	
75. 9.14	3	21.328	11.21	
75. 9.29	3	21.348	11.52	
82.10.25	3	21.362	10.09	
84. 9.11	7	21.422	11.16	
84. 9.17	5	21.446	10.31	
84. 9.18	5	21.424	10.72	

12374 9.0 2.6353 +0.0036 +15.047 +0.248 26°4131

75. 9. 4	2	21 14 28.316	26 18 29.75	Z.C. δ 29″8
75.10. 2	2	28.444	30.45	
77.10. 3	3	28.364	30.01	
81.10.15	3	28.382	29.10	

12375 9 5 2.5856 +0.0041 +15.053 +0.243 28°4054

81.10.19	3	21 14 34.382	28 50 60.13	
82.10.23	3	34.433	59.33	

12376 9.4 2.5913 +0.0040 +15.062 +0.243 28°4055

87.10.15	7	21 14 44.084	28 35 10.21	
88.10.20	5	43.864	10.72	

12377 9^{m}4 2^{s}5706 +0^{s}0043 +15″062 +0″241 29°4384

77. 9.29	3	21^{h}14^{m}44^{s}077	29° 36′ 31″94	Z.C. δ 31″1
86. 9.30	5	43.884	31.40	
88.10.19	5	44.166	30.00	

12378 9.4 2.6051 +0.0039 +15.067 +0.244 27°4043

72. 8.31	3	21 14 48.566	27 53 52.35	
72. 9.26	3	48.660	52.57	
72.10. 3	3	48.422	53.24	
75.10. 5	3	48.577	52.48	
82.10.18	2	48.684	52.40	
84.10. 4	7	48.570	52.45	
84.10.14	5	48.679	50.86	§

12379 8.5 2.5899 +0.0041 +15.068 +0.243 28°4057

73. 9.11	3	21 14 50.505	28 39 53.94	Z.C. δ 54″2
74. 9.22	3	50.406	54.91	
76.10.11	3	50.343	54.62	
77. 9.27	3	50.331	53.45	

12380 9.5 2.6537 +0.0034 +15.079 +0.248 25°4512

81.10.26	3	21 15 1.654	25 24 8.75	
82.10. 3	3	1.752	10.15	

12381 7.8 2.6478 +0.0034 +15.084 +0.248 25°4513

72. 9.12	3	21 15 7.104	25 43 19.31	+1′
72. 9.19	3	7.065	19.59	
72.10. 9	2	7.096	20.47	
74.10. 7	3	7.267	19.30	

12382 8.3 2.6198 +0.0038 +15.086 +0.245 27°4044

72. 9.26	1	21 15 8.650	27 11 18.86	
72.10. 3	3	8.661	18.44	
73 9.23	3	8.620	18.30	
74.10. 8	3	8.468	19.03	
75. 9. 7	3	8.410	19.03	
75.10. 5	2	8.605	18.45	

12383 7.6 2.5979 +0.0040 +15.088 +0.243 28°4058

74.10. 2	3	21 15 10.708	28 18 13 42	Z.C. α 10^{s}73
78.10.10	3	10.738	12.21	
78.11. 2	3	10.734	12.46	+5′

12384 9.3 2.5698 +0.0043 +15.091 +0.240 29°4385

81.10.17	3	21 15 13.809	29 42 35.49	
84.10.22	5	13.874	34.96	
84.10.23	5	13.850	34.55	
84.10.24	5	13.752	35.30	

12385 8.5 2.5720 +0.0043 +15.092 +0.241 29°4386

72.10.28	3	21 15 14.865	29 36 6.26	
73. 9.12	3	14.924	7.52	
73. 9.26	3	14.863	8.27	
75.10. 7	3	14.843	7.40	
76.10.21	3	14.783	7.94	

12386 9.5 2.5741 +0.0043 +15.096 +0.241 29°4388

75. 9.14	2	21 15 19.264	29 30 34.82	†

12387 9.3 2.6014 +0.0039 +15.098 +0 243 28°4059

87.10.14	5	21 15 21.724	28 9 4.22	
87.10.19	5	21.542	5.03	

12388	$9^{m}.0$	$2^{s}.6280$	$+0^{s}.0037$	$+15''.103$	$+0''.246$	26°4133
72. 8.29	3	$21^{h}15^{m}26^{s}.756$	26° 47′ 52″.76	Z.C.δ51″.3		
72. 8.30	3	26.525	51.97	Z.C. Ep. 74.9		
72. 9.18	3	26.913	51.34			
75. 9.17	3	26.724	51.18			
77. 9.26	3	26.748	51.26			
77. 10.15	3	26.702	49.49	clds.		
12389	9.2	2.6082	+0 0039	+15.107	+0.244	27°4045
82. 10. 7	3	21 15 30.712	27 49 20.00			
84 10 31	7	30.599	20.56			
84. 11. 3	5	30.828	19.79			
12390	9.5	2.6648	+0.0033	+15.110	+0.249	24°4383
82. 10.23	3	21 15 33.922	24 52 4.84	†		
12391	9.1	2.6577	+0.0034	+15.113	+0.248	25°4514
72. 9.19	3	21 15 36.601	25 15 12.99			
75. 10.11	3	36.341	12.26			
84. 9.20	5	36.442	13.04			
84 9.25	5	36.551	13.90			
12392	9.5	2.6171	+0.0038	+15.115	+0.245	27°4046
81. 10.26	1	21 15 39.351	27 23 17.47	†		
12393	9.3	2.6088	+0.0039	+15.115	+0.244	27°4047
81. 10.27	3	21 15 39.494	27 48 22.17	†		
12394	9.4	2.6586	+0.0034	+15.116	+0 248	25°4515
81. 10.19	2	21 15 40.252	25 12 48.86	†		
12395	9.1	2.5696	+0.0044	+15.122	+0.240	29°4390
72. 10.28	3	21 15 46.736	29 47 4.43			
75. 9.29	3	46.762	5.00			
76. 8.29	3	46.890	4.59			
76 10.21	3	46.832	3.56			
12396	9.5	2.5883	+0.0042	+15.123	+0.241	28°4062
86. 9.29	5	21 15 47.487	28 52 5.61	†		
12397	9.4	2.5897	+0.0041	+15.124	+0.242	28°4061
76. 10.11	3	21 15 47.899	28 47 40.74			
77. 9.27	2	48.199	40.76			
79. 9.24	3	48.098	39.81			
79. 9.25	3	48.019	40.36			
79. 10. 2	3	48.057	40.80			
79. 10.15	3	48.094	40.30			
79. 10.25	3	48.140	40.10			
79. 11. 5	3	48.228	40.23			
12398	8.4	2.5706	+0.0043	+15.125	+0.240	29°4391
74. 9.28	3	21 15 49.356	29 44 38.24	Z.C.δ38″.8		
75. 9.29	2	49.391	39.00			
75. 10. 7	3	49.480	38.91			
77. 9.21	2	49.404	38.91			
77. 9.29	3	49.274	38.95			
12399	9.5	2.6447	+0.0036	+15.128	+0.246	25°4516
73. 9.25	3	21 15 52.823	25 58 40.48			
86. 10. 2	4	52.993	41.69			

12400	$9^{m}.0$	$2^{s}.5934$	$+0^{s}.0041$	$+15''.136$	$+0''.242$	28°4063
73. 9.11	3	$21^{h}16^{m}0^{s}.467$	28° 37′ 52″.96			
74. 9.22	3	0.593	53.56			
78. 10. 10	3	0.371	53.42			
12401	9.2	2.6355	+0.0037	+15.139	+0.246	26°4135
85. 11. 2	4	21 16 3.735	26 28 25.19	†		
12402	8.3	2.6055	+0.0040	+15.144	+0.243	27°4049
72. 8.31	3	21 16 8.714	28 2 8.21			
72. 9. 6	3	8.902	9.28			
74. 10. 8	3	8.761	9.15			
75. 9. 7	3	8.756	8.40			
75. 10. 5	3	8.824	8.13			
12403	9.4	2.5704	+0.0044	+15.152	+0.239	29°4392
86. 10. 6	5	21 16 17.669	29 48 44.40	†		
12404	9.2	2.5886	+0.0042	+15.152	+0.241	— —
82. 10. 7	3	21 16 17.761	28 54 29.62	†		
12405	9.4	2.6468	+0.0036	+15.153	+0.246	25°4518
86. 10. 4	5	21 16 19 003	25 54 38.99			
87. 10.24	5	19.013	37.69			
12406	8.1	2.6587	+0.0035	+15.156	+0.247	25°4519
73. 9.22	3	21 16 22.207	25 16 62.46	Z.C. α 22ˢ.12		
74. 10.21	3	22.153	61.95	− 20		
75. 10.11	3	21.991	61.23			
75. 10.25	3	22.199	59.83			
84. 9.17	5	22.066	61.68			
84. 9.18	5	22.104	61.46			
88. 9.27	7	22.118	62.30			
12407	8.5	2.5618	+0.0045	+15.161	+0.238	30°4410
80. 9.28	3	21 16 26.654	30 15 9.80	+ 5′		
80. 10. 1	3	26.633	9.85	Z.C. α 26ˢ.64		
12408	9.5	2 6280	+0.0038	+15.161	+0.245	26°4136
81. 10.15	3	21 16 27.487	26 54 57.20			
85. 9.22	5	27.244	58.29			
12409	9.4	2.5876	+0.0042	+15.162	+0.241	28°4064
81. 10.27	3	21 16 27.583	28 58 38.96	†		
12410	9.3	2.6603	+0.0034	+15.169	+0.247	25°4520
82. 10.25	3	21 16 35.356	25 13 20.68	†		
12411	8.8	2.6463	+0.0036	+15 174	+0.245	25°4521
73. 9.22	3	21 16 40.298	25 58 39.12			
73. 9.25	3	40.253	37.87			
74. 10. 7	3	40.201	36.87			
12412	9.3	2.5865	+0.0043	+15.177	+0.240	28°4065
73. 9.11	3	21 16 44.013	29 4 17.89			
74. 10. 2	3	44.069	18.30			
75. 9.25	3	43.857	17.37			
77. 9.27	3	43.964	17.40			
12413	9.3	2.5650	+0.0045	+15.182	+0.238	— —
79. 11. 7	3	21 16 49.050	30 8 29.79	†		

12414 $8^{m}.5$ $2^{s}.6528$ $+0^{s}.0035$ $+15''.186$ $+0''.246$ 25°4522

72. 9 12	3	$21^{h}16^{m}53^{s}.601$	$25^{\circ}\,39'\,32''.59$	
72. 9.19	3	53.603	32.48	
74.10. 7	2	53.621	32.07	
74.10.21	3	53.489	31.52	
77. 9.28	3	53.543	32.00	

12415 8.4 2.5938 +0.0042 +15.186 +0.241 28°4066

76.10.11	3	21 16 53.798	28 43 3.44	
78.11. 2	3	54.051	3.69	clds. ft.
82.10.23	3	54.053	3.35	

12416 8.9 2.5967 +0.0042 +15.187 +0.241 28°4067

74.10. 2	3	21 16 54.504	28 34 23 77	
78.11. 2	1	54.079	22.64	ft. §
93. 8.21	7	54.350	23.06	

12417 9.4 2.6383 +0.0037 +15.188 +0.245 26°4137

82.10. 3	3	21 16 55 662	26 25 40 47	
86. 9.30	7	55.626	40.05	

12418 8.3 2.5785 +0.0044 +15.192 +0.239 29°4395

72.10.28	3	21 16 59.330	29 29 56.79	Z.C. Ep. 76.7
73. 9.26	3	59.267	58.27	
75. 9.14	3	59.267	57.35	
76 9.19	3	59.241	58.18	
84.10. 4	7	59.325	57.40	

12419 9.3 2.6441 +0.0036 +15.192 +0.245 26°4138

75. 9.17	3	21 16 59.718	26 8 4.20	
81.10.17	3	60.099	2.69	
84.10.14	7	60.119	1.63	
84.10.22	5	59.991	2.75	
84 10.23	5	59.873	4.49	
84.10.24	5	59.786	2.17	

12420 9.4 2.5898 +0.0043 +15.195 +0.240 28°4068

82.10.25	2	21 17 2.495	28 55 30.59	
84.10.29	5	2.601	31.60	
88.10.19	5	2.246	29.80	
			Z.C. δ 28° 55′ 30″.7	

12421 9.5 2.6250 +0.0039 +15.199 +0.243 27°4050

72. 10. 3	3	21 17 6.566	27 8 50.47	
73. 9.23	3	6.471	48.96	
74 10. 8	3	6.411	50.01	

12422 9.0 2.6550 +0.0035 +15.205 +0.246 25°4524

73. 9.25	2	21 17 13.195	25 34 41.24	
75.10 11	3	13.180	39.30	
75.10.25	3	13 238	38.84	

12423 9.1 2.5803 +0.0044 +15.208 +0.239 29°4396

82.10.18	3	21 17 15.875	29 26 38.67	Z.C. Ep. 85.3
87.10.14	5	15.883	39.26	

12424 9.3 2.5955 +0.0042 +15.210 +0.240 28°4070

87.10.15	5	21 17 18.983	28 41 7.03	
88.10.15	7	18.732	7.46	

12425 6.5 2.5737 +0.0045 +15.211 +0.238 29°4397

73. 9.12	3	21 17 19.411	29 46 34.65	
73. 9.26	3	19.668	35.33	
74. 9.28	3	19.614	34.80	

12426 $8^{m}.4$ $2^{s}.5661$ $+0^{s}.0045$ $+15''.211$ $+0''.237$ 30°4415

73. 9.12	1	$21^{h}17^{m}19^{s}.708$	$30^{\circ}\,9'\,21''.11$	
75. 9.29	3	19.682	20.72	
76. 8.29	3	19.657	22.25	
76. 9.19	.3	19.655	22.45	
77. 9.21	3	19.784	21.58	
77. 9.29	3	19.674	22.64	
79. 9.24	3	19.794	21.55	
79. 9.25	3	19.729	21.52	
79.10.16	3	19.749	20.62	
79.10.25	3	19.641	21.70	
79.11. 5	3	19.801	21.32	
80.11. 4	3	19.517	22.22	
84. 9.11	5	19.613	21.45	
84 11. 3	6	19.630	21.39	

12427 9.3 2.5647 +0.0045 +15.218 +0.237 30°4418

75.10. 7	3	21 17 26.492	30 14 9.44	
79.10.15	3	26.569	8.88	
80. 9.28	3	26.614	8.72	
80.10. 1	3	26.619	9.07	

12428 9.0 2.5663 +0.0045 +15.218 +0.237 30°4417

76. 8.29	2	21 17 27 314	30 9 43.90	
79. 9.25	3	27.045	43.34	
79.10 16	2	27.258	43.20	
79.11. 5	2	27.171	43.89	
79.11. 7	3	27.247	43.57	
87.10.26	7	27.278	42.59	

12429 9.2 2.6306 +0.0038 +15.222 +0.243 26°4142

72. 8.29	3	21 17 30.901	26 54 4.44	
72. 9.18	3	30.873	3.46	
74.10. 3	3	30.856	2.49	
77.10. 3	3	30.857	3.41	
81.10.15	3	31.152	2.65	

12430 9.0 2.6669 +0.0034 +15.222 +0.247 24°4389

84 9.20	5	21 17 30.928	24 58 14.03	
84.10.31	7	30.933	12.43	w. 3 to 7 − 10^{s}

12431 9.2 2.5741 +0.0045 +15.223 +0.238 29°4399

86. 9.29	5	21 17 32.542	29 47 9.04	
92.10. 1	7	32.816	8.65	
92.10. 5	7	32.715	8.13	

12432 9.4 2.5896 +0.0043 +15.226 +0.239 28°4071

81.10.27	2	21 17 35.452	29 0 56.54	
84. 9.25	3	35.307	56.83	

12433 9.5 2.6427 +0.0037 +15.227 +0.244 — —

77 9. 7	3	21 17 36.209	26 16 44.18	† Z.C. δ 44″.2

12434 9.4 2.6443 +0.0037 +15.228 +0.244 26°4144

75 9 4	3	21 17 37.417	26 11 49.08	Z.C. δ 48″.9
75.10. 2	3	37.726	48.40	
77. 9.26	3	37.444	49.27	

12435 8.8 2.6015 +0.0042 +15.230 +0.240 28°4072

73. 9.11	3	21 17 39.378	28 25 15.54	c. d. l.
75. 9.25	3	39.442	15.27	d. s. f.
76.10.11	3	39 556	15.27	d. l. s.
77. 9.27	1	39.637	15.22	d. s. l.
81.10.19	3	39.557	15.83	c. d.
81 10.26	3	39.505	13.37	c. d. l.
				Z.C. δ 15″.1

12436	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}5909$	$+0^{\mathrm{s}}0043$	+15″234	+0″239	28°4073
74. 9.22	3	$21^{\mathrm{h}}17^{\mathrm{m}}43^{\mathrm{s}}728$		28° 58′ 14″96		
92. 9.28	7	43.738		15.12		−5′
12437	8.0	2.5881	+0.0043	+15.235	+0.239	29°4400
72.10.28	1	21 17 45.299		29 6 35.59		
92. 9.24	7	45.369		32.91		
12438	9.5	2.6270	+0.0039	+15.236	+0.242	— —
73. 9.23	3	21 17 46.132		27 7 25.27		†
12439	8.9	2.6496	+0.0037	+15.240	+0.244	25°4527
72. 9.12	3	21 17 50.120		25 56 16.00		+ 1′
72. 9.19	3	50.021		17.58		
73. 9.22	3	50.038		17.77		
75.10.25	2	50.160		15.10		
77. 9.28	3	49.998		16.87		
12440	9.0	2.5870	+0.0043	+15.242	+0.239	29°4401
80.10.11	3	21 17 51.817		29 11 2.07		
82.10.18	3	51.881		2.46		
12441	9.5	2.6448	+0.0037	+15.244	+0.244	— —
72. 8.29	3	21 17 54.782		26 12 19.27		†
12442	8.1	2.5852	+0.0044	+15.244	+0.239	29°4403
76.10.21	3	21 17 54.931		29 16 41.67		
78.10.10	3	54.604		41.82		n.p. of 2
79.10. 2	3	54.896		42.52		n.p. of 2
79.10. 7	3	54.922		41.95		n.p. of 2
80. 9.27	3	54.887		43.01		
12443	9.4	2.5874	+0.0043	+15.244	+0.239	— —
80.10.11	3	21 17 54.955		29 10 3.32		†
12444	9.1	2.6625	+0.0035	+15.246	+0.246	25°4528
87.10.24	5	21 17 56.171		25 15 27.00		†
12445	9.5	2.5915	+0.0043	+15.246	+0.239	28°4074
74. 9.22	3	21 17 56.737		28 57 56.96		
74.10. 2	2	56.677		57.31		

12446 Not found on revision 98.11.5, and 99.9.30; not found on Oxford photograph 92.10.22. Z.C. 1′ wrong: see appendix 12446$^{\mathrm{a}}$

12447	9.0	2.6373	+0.0038	+15.258	+0.243	26°4145
72. 8.30	3	21 18 8.687		26 37 31.76		
72. 9.18	3	8.908		32.32		
74.10. 3	3	8.936		31.90		
75.10. 2	3	8.923		30.90		+ 10$^{\mathrm{s}}$
77.10. 3	3	8.989		31.72		
12448	9.0	2.6213	+0.0040	+15.260	+0.241	27°4054
82.10. 3	3	21 18 11.449		27 28 24.91		
82.10. 4	3	11.387		24.64		
12449	9.0	2.6115	+0.0041	+15.260	+0.241	27°4055
72. 9. 6	3	21 18 11.544		27 58 40.67		
72. 9.26	3	11.672		39.62		w.3.4 − 10$^{\mathrm{s}}$
72.10. 3	3	11.453		39.00		
75. 9. 7	3	11.530		40.00		

12450	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}6609$	$+0^{\mathrm{s}}0036$	+15″263	+0″245	— —
82.10. 7	3	$21^{\mathrm{h}}18^{\mathrm{m}}14^{\mathrm{s}}229$		25° 22′ 33″62		†
12451	9.5	2.5941	+0.0043	+15.264	+0.239	28°4076
75. 9.25	2	20 18 15.839		28 52 20.81		§
84. 9.17	5	15.726		22.43		
84. 9.18	5	15.664		22.34		
12452	9.5	2.5983	+0.0042	+15.266	+0.239	— —
86.10. 5	5	21 18 17.212		28 39 51.61		†
12453	8.4	2.6127	+0.0041	+15.272	+0.241	27°4056
72. 8.31	3	21 18 23.790		27 56 11.06		
72. 9. 6	3	23.637		11.21		
72. 9.26	1	23.935		10.20		
72.10. 3	2	23.996		10.46		
74.10.22	3	23.774		11.65		
75. 9. 7	3	23.879		10.32		
75.10. 5	2	23.770		10.71		
75.11. 4	2	23.945		10.73		
78.10.24	2	23.738		10.37		
12454	9.5	2.5798	+0.0045	+15.272	+0.237	29°4405
86.10. 6	7	21 18 24.354		29 36 48.99		†
12455	8.7	2.5900	+0.0044	+15.273	+0.238	29°4406
73. 9.26	3	21 18 24.431		29 5 50.04		
79. 9 24	3	24.482		48.82		
79.10.15	3	24.382		49.00		
12456	9.4	2.6068	+0.0042	+15.273	+0.240	28°4078
85. 9.22	7	21 18 25.301		28 14 47.87		†
12457	9.1	2.5695	+0.0046	+15.276	+0.236	30°4424
77. 9.21	2	21 18 28.355		30 7 56.85		Z.C. δ 55″8
79.10. 7	3	28.178		55.23		
79.10.25	3	28.176		55.24		
80 9.28	3	28.190		56.23		
80.10. 1	3	28.168		56.00		
80.11. 4	3	28.331		55.02		
12458	9.4	2.5968	+0.0043	+15.286	+0.239	28°4081
81.10.17	3	21 18 38.801		28 46 57.95		
81.10.20	3	38.655		59.15		
81.10.31	3	38.761		59.08		
12459	9.2	2.6512	+0.0037	+15.289	+0.243	25°4530
86.10. 2	5	21 18 42.369		25 57 6.49		
86.10. 4	5	42.395		4.97		
12460	9 3	2.5936	+0.0044	+15.293	+0.238	28°4083
76 10 14	3	21 18 45.949		28 57 38.85		†
12461	9.0	2.6489	+0.0037	+15.298	+0.243	26°4146
75. 9. 4	3	21 18 51.593		26 5 44.94		
75. 9.17	3	51.599		44.37		
77. 9.26	3	51.677		43.32		
77.10. 6	3	51.592		44.67		
77.10. 6	1	51.632		44.47		
12462	5.0	2.6577	+0.0036	+15.307	+0.244	25°4531
72. 9.19	3	21 19 0.839		25 38 16.48		
73. 9.25	3	1.141		16.06		
74.10. 7	3	1.095		15.43		
74.10.21	3	1.040		15.08		

12463 $9^{m}.5$ $2^{s}.5693$ $+0^{s}.0047$ $+15''.310$ $+0''.236$ 30°4429

93. 8.23	7	21^{h}	19^{m}	$3^{s}.850$	30°	13′	$16''.14$	s.p. of 2
93. 8.25	6			4.012			17.02	s.p. of 2

12464 9.5 2.6144 +0.0042 +15.313 +0.240 27°4058

72. 8.31	3	21	19	7.733	27	56	20.61	
88.10.19	3			7.739			20.71	

12465 9.0 2.5795 +0.0046 +15.314 +0.236 29°4407

74. 9.28	3	21	19	7.960	29	43	6.23	v. c. d. m.
75.10. 7	3			7.941			6.15	
76. 9.19	3			8.005			6 96	
76.10.21	3			7.970			5.44	−1′
81 10.15	3			8.166			4.56	

12466 9.2 2.6627 +0.0036 +15.317 +0.244 25°4532

87.10.10	5	21	19	11.585	25	23	27.35	
87.10.11	5			11.501			25.77	

12467 9.5 2.5837 +0.0045 +15.319 +0.237 29°4408

82.10.25	3	21	19	14.046	29	31	21.53	†

12468 7.0 2.6636 +0.0036 +15.320 +0.244 25°4533

72. 9.12	3	21	19	14.793	25	20	36.43	
73. 9.22	3			14.686			36.68	
74 10. 7	2			14.654			35.37	
75.10 11	3			14.734			36.20	
77. 9.28	3			14.725			35.64	

12469 8.5 2.6498 +0.0038 +15.323 +0.243 26°4149

72. 8.29	2	21	19	17.975	26	5	40.34	§
75. 9. 4	3			17.773			39.56	
75. 9.17	3			17.749			39.35	
76.10.13	3			17.690			39.56	
77. 9. 7	3			17.719			39.85	−10′
77. 9.26	3			17.696			38.87	

12470 9.0 2.6417 +0.0039 +15.327 +0.242 26°4150

74.10. 3	3	21	19	22.433	26	32	27.22	
77.10. 3	3			22.406			27.59	
78.10.11	3			22.311			27.28	
78.10.25	3			22.550			27.48	−1′

12471 9.3 2.6255 +0.0041 +15.330 +0.240 27°4059

86. 9.29	5	21	19	25.192	27	24	1.40	
87.10.14	5			25.596			0.61	w. 3 to 6 + 10^{s}
87.10.15	7			25.649			0.88	

12472 7.0 2.6355 +0.0040 +15.334 +0.241 26°4151

72. 8.30	3	21	19	29.929	26	52	48.60	
72. 9.18	2			30.019			49.44	
76.10.13	1			30.065			50.16	

12473 9.5 2.6415 +0.0039 +15.338 +0.241 26°4152

87.10.21	4	21	19	33.987	26	34	23.31	
93.10.10	7			33.769			24.43	

12474 $8^{m}.8$ $2^{s}.6410$ $+0^{s}.0039$ $+15''.341$ $+0''.241$ 26°4153

77. 9. 7	3	21^{h}	19^{m}	$37^{s}.219$	26°	36′	$27''.01$	Z.C. δ $26''.5$
78.10. 8	3			37.169			26.88	
79. 9.29	3			37.364			26.09	
79.10. 2	3			37.224			27.18	
79.10.15	3			37.234			26.42	
79.10.16	3			37.312			26.00	
79.11. 5	3			37.273			26.84	
80. 9.28	2			37.347			25.84	
80.10 18	3			37.266			26.14	
80.11. 4	3			37.436			27.20	
81.10.11	3			37.250			25.65	
81.10.19	3			37.321			26.92	

12475 9.2 2.6099 +0.0042 +15.343 +0.239 28°4084

81.10.17	3	21	19	39.050	28	14	18.58	
81.10.26	3			39.185			18.26	

12476 9.5 2.5791 +0.0046 +15.348 +0.236 29°4409

82.10. 4	3	21	19	44.628	29	48	61.23	
84. 9.11	7			44.634			60.88	
84. 9.25	6			44.695			59.49	

12477 9.4 2.6650 +0.0036 +15.352 +0.244 25°4535

87.10.19	4	21	19	49.334	25	20	10.27	
88.10.15	5			49.259			10.50	

12478 8.8 2.6413 +0.0039 +15.356 +0.241 26°4155

75.10. 2	3	21	19	53.052	26	37	16.55	ex. ft.
78.10. 8	3			53.048			18.15	
79 9.25	1			52.924			16.82	
79.10. 6	3			52.892			17.24	
79.10. 6	2			52.862			17.06	
79.10. 7	3			53.005			17.10	
79.10.15	1			52.913			16.84	
79.10 16	2			53.081			16.70	
79.11. 5	3			53.082			18.05	
80 9.28	1			53.055			16.83	
80.10.18	3			52.964			16.10	
80.11. 4	2			52.975			16 41	

12479 8.9 2.6473 +0.0038 +15.356 +0.242 26°4154

74.10. 3	2	21	19	53.151	26	17	45.09	
79. 9.24	3			53.135			44.66	
79. 9.25	3			52.976			44.48	
80 10. 1	3			53.074			44.00	
80.10.11	3			52.990			44.47	
80.11. 1	3			53.297			42.68	

12480 9.3 2.6546 +0.0038 +15.356 +0 242 25°4536

73. 9.25	1	21	19	53.564	25	54	20.86	
74.10.21	3			53.325			20.52	
86.10.29	5			53.227			20.61	
86.11. 4	5			53.418			20.72	

12481 7.3 2.5972 +0.0044 +15.358 +0.237 28°4085

73. 9.11	3	21	19	55.013	28	55	23.87	
74.10. 2	3			54.971			24.02	
74.10.12	3			54.849			22.90	
74.10.28	3			54.796			22.91	
75. 9.25	3			55.030			23 38	
76.10.11	3			54.859			23.73	
76.10.14	3			54.999			23.58	
77. 9.27	3			55.263			23.80	

12482 $9^m.4$ $2^s.5729$ $+0^s.0047$ $+15''.361$ $+0''.235$ 30°4432
82.10. 7 2 $21^h19^m58^s.888$ 30° 9′ 29″.97 †

12483 8.4 2.6405 +0.0039 +15.362 +0.241 26°4156
72. 8.30 3 21 19 60.123 26 40 39.55 Z.C. δ 38″.3
77.10. 3 3 60.021 38.60
78.10.24 2 59.898 38.79
80. 9.27 3 59.894 39.05
84. 9.20 7 59.937 37.59
84.10. 4 5 59.939 37.58
84.10.23 7 59.936 37.24

12484 9.5 2.6192 +0.0042 +15.364 +0.239 — —
73. 9.23 3 21 20 1.890 27 48 10.61 †

12485 9.3 2.5763 +0.0047 +15.374 +0.235 29°4411
86.10 4 5 21 20 12.334 30 0 56.40
86.10. 5 5 12.416 56.42

12486 9.5 2.6338 +0.0040 +15.375 +0.240 26°4157
82.10. 3 3 21 20 13.304 27 3 28.03
87.11. 2 5 13.529 28.47

12487 9.5 2.6001 +0.0044 +15.377 +0.237 28°4086
87.10.31 7 21 20 15.017 28 49 6.10 †

12488 9.4 2.6529 +0.0038 +15.379 +0.242 25°4537
72. 9.12 3 21 20 17.893 26 2 52.07 −5′
72. 9.19 3 17.689 53.71 Z.C. α 17^s.85
73.11. 1 3 17.843 52.40
75.10.25 3 17.968 51.70

12489 8.5 2.5743 +0.0047 +15.385 +0.234 30°4434
82.10. 7 2 21 20 23.425 30 8 26.65 +1′
82.10.18 3 23.616 26.61
84. 9.17 7 23.512 25.66
84.10.14 5 23.540 24.92
84.10.31 5 23.511 26.95
87.10.24 5 23.791 25.83

12489^a 9.5 2 6201 +0.0042 +15.386 +0.238 — —
73. 9.23 2 21 20 24.680 27 48 1.02
Wrongly reduced for Z.C. (12505). Place confirmed by Oxford photograph 92.10.22

12490 9.4 2.6437 +0.0040 +15.394 +0.240 — —
81.10.20 3 21 20 33.958 26 34 25.52
88.10.20 7 33.917 24.87
93.10.18 7 33.800 25.05

12491 9.0 2 6465 +0.0040 +15.400 +0.240 26°4159
72. 8.29 2 21 20 40.661 26 26 11.87 Z.C. δ 11″.0
72. 9.18 3 40.747 10.20
77. 9.26 2 40.426 10.93

12492 9.2 2.6480 +0.0039 +15.403 +0.241 26°4160
85. 9.24 5 21 20 43.507 26 21 36.77
86.10.23 5 43.687 38.17 + 1^m

12493 9.3 2.5771 +0.0047 +15.404 +0.234 29°4412
73. 9.12 3 21 20 44.617 30 2 52.30
85. 9.26 5 44.572 52.13
88.10. 2 5 44.707 49.74

12494 $9^m.2$ $2^s.5927$ $+0^s.0045$ $+15''.407$ $+0''.236$ — —
79.11. 7 3 $21^h20^m47^s.446$ 29° 15′ 34″.78 †

12495 9.2 2.6304 +0.0041 +15.411 +0.239 27°4061
73. 9.17 3 21 20 51.412 27 18 57.68
74.10 22 2 51.485 57.31
75. 9. 7 3 51.394 56.94
85.10.16 5 51.451 57.43

12496 9.3 2.6431 +0.0040 +15.413 +0.240 26°4161
80. 9.27 3 21 20 54.376 26 38 37.88
86.10. 2 5 54.409 38.63

12497 8.8 2.5780 +0.0047 +15.414 +0.234 29°4414
72.10.28 3 21 20 54.747 30 1 19.04
73. 9.12 3 54.798 19.39
73. 9.26 3 54.770 20.73
76. 9.19 3 54.852 20.17
76.10.21 3 54.874 20.03
77. 9.21 2 54.846 19.74
78.10.10 3 54.838 19.71
78.10.10 2 54.678 20.43

12498 9.2 2.6110 +0.0044 +15.414 +0.237 28°4090
81.10.31 3 21 20 55.250 28 20 11.53 −1 int.
84.10.24 7 55.180 12.36 Z.C. δ 11″.6
84.11. 3 7 55.084 10.79

12499 9.5 2.6015 +0.0045 +15.421 +0.236 28°4092
82.10.25 3 21 21 2.551 28 50 40.58 †

12500 9.4 2.6462 +0.0040 +15.423 +0.240 26°4162
78.10.24 3 21 21 4.299 26 30 2.93
87.10.10 4 4.473 3.55
87.10.11 3 4 656 1.44 v. ft.

12501 9.4 2.5858 +0.0046 +15.427 +0.235 29°4416
85. 9 22 5 21 21 9.127 29 39 35.55
86.11. 1 5 8.913 34.29

12502 9.5 2.6294 +0.0042 +15.428 +0 238 27°4062
82.10. 4 3 21 21 10.175 27 24 24.28 Z.C. Ep. 83. 8
84.10.22 5 9.915 23.35

12503 9.2 2.5852 +0.0047 +15.429 +0.234 — —
86.10.22 5 21 21 11.458 29 41 39.38 †

12504 9.3 2.6214 +0.0043 +15.434 +0.237 27°4063
73. 9.23 1 21 21 16.180 27 50 22.51
88.10.19 5 16.025 25.01 −1^s
90.10. 9 7 16.292 23.97

12505 Wrongly reduced: see 12489^a

12506 8.9 2.6411 +0.0041 +15.442 +0.239 26°4163
72. 8.30 3 21 21 25.062 26 49 0.62
75. 9. 4 3 25.005 1.06
75. 9 17 3 24.871 0.55
77.10. 6 3 24.853 0.45
78.10. 8 3 25.019 0.29

12507	$9^{m}.3$	$2^{s}.5889$	$+0^{s}.0047$	$+15''.444$	$+0''.234$	29°4417
81.10.26	3	$21^{h}21^{m}27^{s}.795$		29° 32′ 33″.94		
85.10. 7	5	27.725		36.51		
85.10.29	5	27.763		32.28		
12508	9.1	2.6287	+0.0042	+15.446	+0.238	27°4064
72. 8.31	3	21 21 29.812		27 29 6.50		
72. 9. 6	3	29.886		6.27		
72. 9.26	3	29.996		5.75		
72.10. 3	3	29.945		5.69		
75.10. 5	3	29.890		5.91		
75.11. 4	2	29.824		6.03		
81.10.15	3	30.090		4.72		
81.10.27	3	30.004		5.80		
85.10. 1	5	29.785		6.13		
12509	9.1	2.5783	+0.0048	+15.451	+0.233	30°4439
72.10.28	3	21 21 34.514		30 5 47.18		
73. 9.26	2	34.479		48.25		
74. 9.28	3	34.409		46.08		
80.10.18	3	34.493		45.36		
81.10.19	3	34.342		47.93		
12510	9.4	2.6654	+0.0038	+15.452	+0.241	25°4538
81.10.17	3	21 21 35.703		25 31 17.40		
82.10. 3	3	35.522		18.54		
12511	9.5	2.6159	+0.0044	+15.463	+0.236	28°4093
86. 9.29	5	21 21 48.009		28 11 36.72		+ 5′
90.10.10	6	48.142		41.00		C — 10″
12512	8.7	2.6719	+0.0037	+15.469	+0.241	25°4539
72. 9.12	3	21 21 54.360		25 12 16.74		Z.C. α $54^{s}.37$
72. 9.19	3	54.468		17.49		
72.10. 9	3	54.356		16.99		
73. 9.22	3	54.250		18.43		
75.10.11	3	54.374		15.81		+ 10′
75.10.25	3	54.407		17.38		
12513	9.0	2.6300	+0.0042	+15.471	+0.237	27°4065
72. 8.31	3	21 21 56.574		27 28 27.78		
75.10. 5	3	56.440		28.08		
75.11. 4	1	56.384		27.87		
85.10. 3	5	56.238		27.19		
12514	8.0	2.6327	+0.0042	+15.475	+0.237	27°4066
72. 9. 6	3	21 22 1.136		27 19 52.72		
72. 9.26	3	1.105		52.68		
73. 9.17	3	1.052		53.65		
74.10.22	3	0.980		54.10		
75. 9. 7	3	0.961		53.09		
84. 9.20	4	0.840		52.84		+ 1^{s}
12515	9.4	2.6599	+0.0039	+15.475	+0.240	— —
74.10.21	3	21 22 1.657		25 52 25.05		
90.11. 1	6	1.739		28.69		
12516	5.3	2.6381	+0.0041	+15.483	+0.238	26°4164
72. 8.29	2	21 22 9.693		27 3 54.72		
72. 9.18	3	9.667		54.04		
76.10.13	3	9.533		53.94		
12517	$9^{m}.4$	$2^{s}.6205$	$+0^{s}.0044$	$+15''.484$	$+0''.236$	27°4067
87.10.21	6	$21^{h}22^{m}11^{s}.220$		28° 0′ 3″.43		
91. 9.23	7	10.907		4.29		
12518	9.1	2.6541	+0.0040	+15.493	+0.239	26°4166
74.10. 3	3	21 22 20.164		26 13 24.63		Z.C. δ 25″.3
77.10. 3	3	20.084		25.99		
78.10. 8	2	20.162		25.31		
78.10.25	3	20.080		25.31		
12519	9.4	2.5892	+0.0047	+15.496	+0.233	29°4418
82.10. 7	3	21 22 23.774		29 38 44.35		
86.10. 5	5	23.783		44.75		
88.10.15	7	23.902		44.08		
12520	9.1	2.6447	+0.0041	+15.496	+0.238	26°4167
85. 9.24	5	21 22 23.839		26 44 30.55		
87.10.13	5	23.958		31.34		-1^{m}
12521	9.1	2.6425	+0.0041	+15.497	+0.238	26°4168
75. 9. 4	1	21 22 24.473		26 51 38.13		Z.C. δ 39″.8
75. 9.17	2	24.477		40.46		
77. 9. 7	1	24.388		39.78		
78.10.11	2	24 473		40.65		
81.10.31	3	24.542		39.46		
84. 9.29	7	24.519		39.94		
84. 9.11	5	24.365		39.93		
12522	9.3	2.6159	+0.0045	+15.501	+0.235	28°4096 A
81.10.15	2	21 22 28.442		28 16 32.31		
84. 9.25	5	28.392		34.71		
84.10.31	3	28.333		34.56		− 1 int.
85. 9.26	4	28.433		34.82		
87.10.26	5	28.598		33.11		
12523	9.5	2.6159	+0.0045	+15.502	+0.235	28°4096 B
81.10.19	3	21 22 29.355		28 16 55.04		
81.10.20	3	29.561		56.13		
12524	9.5	2.6046	+0.0046	+15.502	+0.234	28°4097
81.10.27	3	21 22 30.092		28 52 24.49		
88.10.20	5	30.121		24.34		v.ft.
12525	9.3	2.6030	+0.0046	+15.503	+0.234	28°4098
86.10. 2	5	21 22 31.459		28 57 34.37		
86.10.29	5	31.355		31.04		
12526	8.9	2.6430	+0.0041	+15.504	+0.238	26°4169
75. 9. 4	2	21 22 31.600		26 51 0.55		Z.C. δ 0″.6
75. 9.17	3	31.443		0.69		
77. 9. 7	3	31.747		0.33		
78.10.11	3	31.582		0.88		
12527	9.5	2.6155	+0.0045	+15.506	+0.235	28°4099
90.10.13	7	21 22 34.398		28 18 32.75		†
12528	9.4	2.5956	+0.0047	+15.507	+0.233	— —
80.10.14	3	21 22 34.912		29 20 58.56		†
12529	9.4	2.6162	+0.0045	+15.508	+0.235	28°4100
81.10.15	2	21 22 36.521		28 16 34.67		
84.10.31	1	36.278		36.08		
87.11. 2	5	36.828		34.75		w. 4 + 1^{s}

12530 $9^{m}.1$ $2^{s}.6303$ $+0^{s}.0043$ $+15''.509$ $+0''.236$ 27°4068

84.10. 4	5	$21^{h}22^{m}36^{s}.979$	27° 32′ 26″.35	
84.10.14	7	37.080	24.31	

12531 8.5 2.6398 +0.0042 +15.511 +0.237 26°4170

74.10. 3	3	21 22 39.040	27 2 1.18	
76.10.13	3	39.093	0.73	
77. 9.26	3	38.960	1.02	

12532 9.0 2.6646 +0.0039 +15.512 +0.240 25°4540

72. 9.12	3	21 22 40.406	25 41 32.54	
72. 9.19	3	40.284	35.18	
72.10. 9	3	40.401	34.26	
73.11. 1	3	40.313	34.85	
77. 9.28	3	40.216	34.18	

12533 9.2 2.6559 +0.0040 +15.516 +0.239 26°4171

85.10.16	5	21 22 44.432	26 10 34.06	†

12534 8.6 2.6061 +0.0046 +15.526 +0.233 28°4101

73. 9.11	3	21 22 56.249	28 51 2.88	Z.C. δ 2″.7
74.10. 2	3	56.143	3.25	
74.10.28	2	56.162	3.52	
75. 9.25	3	56.155	2.48	
76.10.14	3	56.348	1.82	
77. 9.27	3	56.157	2.94	
77.10. 2	3	56.199	1.97	

12535 8.8 2.6057 +0.0046 +15.532 +0.233 28°4103

73. 9.11	3	21 23 2.819	28 52 54.22	Z.C. δ 54″.8
74.10. 2	3	2.692	55.35	
76.10.14	3	2.469	53.75	
77. 9.27	3	2.678	55.71	

12536 9.4 2.6510 +0.0041 +15.533 +0.238 26°4172

78.10.24	2	21 23 3.568	26 28 59.96	
82.10. 3	3	3.601	62.56	
87.10.10	5	3.803	61.61	

12537 7.6 2.5902 +0.0047 +15.533 +0.232 29°4419

72.10.28	3	21 23 3.784	29 40 59.09	
75.10. 7	3	3.897	59.88	ft.
76. 9.18	3	3.842	59.94	
76. 9.19	3	3.865	60.11	
76.10.21	3	3.889	60.44	

12538 7.5 2.6624 +0.0040 +15.537 +0.239 25°4543

73. 9.25	3	21 23 7.694	25 52 2.43	
74.10.21	3	7.712	1.21	

12539 6.5 2.6713 +0.0038 +15.537 +0.240 25°4542

73. 9.22	3	21 23 7.824	25 22 39.16	
74.10. 7	3	7.951	37.91	
75.10.11	3	7.901	37.78	

12540 7.6 2.6597 +0.0040 +15.540 +0.239 25°4544

73. 9.22	2	21 23 10.140	26 1 20.42	
73.10.30	3	10.102	21.09	
74.10. 7	1	10.169	19.70	
75.10.25	3	10.148	20.31	
77. 9.28	3	10.031	20.25	

12541 $9^{m}.2$ $2^{s}.5877$ $+0^{s}.0048$ $+15''.541$ $+0''.232$ 29°4420

82.10. 4	3	$21^{h}23^{m}12^{s}.247$	29° 49′ 54″.47	
84.10.17	7	12.376	53.01	v.ft.
84.10.22	5	12.333	53.05	
84.10.23	5	12.187	53.30	

12542 9.5 2.5824 +0.0049 +15.550 +0.231 — —

79.10.15	3	21 23 21.677	30 7 25.06	†

12543 9.2 2.6744 +0.0038 +15.550 +0.239 25°4545

82.10.18	3	21 23 22.350	25 13 44.91	
86.10.23	5	22.075	47.37	
88.10.19	5	22.155	44.97	

12544 9.5 2.6318 +0.0043 +15.551 +0.236 27°4073

81 10.26	2	21 23 22.617	27 33 1.39	† ex. ft.

12545 9.0 2.5963 +0.0047 +15.551 +0.232 29°4421

73. 9.12	3	21 23 22.505	29 24 44.69	−5′
73. 9.26	3	22.811	45.80	
77. 9.21	3	22.684	44.39	
79.10. 2	3	22.820	44.42	
79.10. 7	3	22.743	44.26	
79.11. 5	3	22.710	45.39	
80.10. 2	3	22.751	43.28	
80.10. 2	2	22.731	44.34	

12546 9.3 2.6185 +0.0045 +15.553 +0.234 28°4104

81.10.27	2	21 23 24.964	28 15 51.01	
85.10. 1	5	24.901	51.38	
85.10. 3	4	25.035	51.52	

12547 9.3 2.6336 +0.0043 +15.554 +0.236 27°4074

85. 9.22	5	21 23 25.568	27 27 49.31	
87.10.14	3	25.919	48.82	

12548 9.2 2.5987 +0.0047 +15.554 +0.232 29°4422

79.10. 6	3	21 23 26.409	29 18 4.39	
79.10.25	3	26.393	1.52	
79.11. 7	3	26.475	5.13	

12549 9.2 2.6569 +0.0041 +15.566 +0.238 26°4175

81.10.20	3	21 23 39.140	26 13 57.15	
84.11. 3	7	39.121	54.49	

12550 8.7 2.6809 +0.0038 +15.567 +0.240 24°4411

81.10.17	3	21 23 40.717	24 54 18.35	
85.10. 7	5	40.666	18.60	
85.10.29	5	40.615	17.11	

12551 9.5 2.6453 +0.0042 +15.570 +0.237 — —

81.10.19	3	21 23 43.558	26 51 51.68	†

12552 9.1 2.5964 +0.0048 +15.571 +0.232 29°4424

82.10.25	3	21 23 44.470	29 27 52.10	
87.10.13	4	44.845	53.73	
90 10. 8	7	44.453	53.75	

12553	6^{m}8	2^{s}6236	+0^{s}0045	+15″574	+0″234	27°4076
72. 8.31	3	21^{h}23^{m}47^{s}430	28° 2′ 31″27			
72. 9. 6	3	47.333	31.94			
72. 9.26	3	47.411	31.02			
72.10. 3	3	47.368	31.54			
74.10.22	3	47.410	31.26			−1′
75. 9. 7	3	47.313	30.51			
75.10. 5	3	47.368	31.16			
75.11. 4	3	47.353	30.58			
96. 9.19	7	47.324	28.01			§
96. 9.28	7	47.343	27.51			§

12554	8.5	2 6184	+0.0046	+15.579	+0.234	28°4105
73. 9.18	3	21 23 53.798	28 19 42.92			
74. 9.22	3	53.700	44.56			
74.10.12	3	53.686	44.26			
76.10.11	3	53.629	43.72			

12555	8.5	2.5813	+0.0049	+15.580	+0.230	30°4451
72.10.28	3	21 23 54.649	30 15 8.65			
73. 9.26	3	54.584	9.39			
76. 9.18	2	54.615	8.58			
76.10.21	3	54.524	8.69			

12556	9.2	2.6628	+0.0040	+15.581	+0.238	25°4546
72. 9.19	3	21 23 55.515	25 56 35.12			
72.10. 9	3	55.571	34.43			
73. 9.25	3	55.412	36.50			
73.10.30	3	55.441	35.13			
75.10.25	2	55.189	34.66			

12557	8.9	2.6226	+0.0045	+15.583	+0.234	28°4106
73. 9.11	2	21 23 57.561	28 6 59.54			
74.10 2	2	57.485	58.86			
75. 9.25	3	57.508	59.33			
77.10. 2	3	57.366	59.31			

12558	8.8	2.6094	+0.0047	+15.585	+0.232	28°4107
74. 9.22	2	21 23 59.896	28 49 4.09			Z.C. δ 4″1
77. 9.27	1	59.953	3.84			
78.10.10	3	59.927	4.42			
87.11. 2	4	59.956	4.03			

12559	9.4	2.6245	+0.0045	+15.587	+0.234	27°4077
85. 9.24	5	21 24 2.440	28 1 28.98			
86.11. 4	5	2.488	29.97			
						Z.C. δ 28° 1′ 29″5

12560	8.9	2 6091	+0.0047	+15.588	+0.232	28°4108
74.10.12	1	21 24 3.235	28 50 16.90			§
78.10.10	2	2.958	18.14			
93. 8.21	7	2.938	17.11			

12561	8.5	2.6681	+0.0039	+15.590	+0.238	25°4547
73.11. 1	3	21 24 5.200	25 39 52.68			
74.10.21	3	5.318	52.50			
75.10.11	3	5.269	52.60			
78.10. 8	3	5.303	52.45			
78.10.25	3	5.269	52.82			

12562	9.4	2.6077	+0.0047	+15.595	+0.232	28°4109
73. 9.18	1	21 24 10.759	28 55 42.76			
92.10. 5	7	10.810	40.81			
93. 8.23	7	10.402	42.37			

12563	8^{m}7	2^{s}5835	+0^{s}0050	+15″597	+0″230	30°4452
74.10.28	3	21^{h}24^{m}13^{s}022	30° 10′ 56″48			
75.10. 7	2	13.109	56.28			
76. 9.19	3	13.195	56.32			
80.10. 1	2	13.125	56.37			

12564	9.5	2.6260	+0.0045	+15.599	+0.234	— —
73. 9.17	3	21 24 14.744	27 58 21.72			†

12565	9.5	2.6310	+0 0045	+15.599	+0.234	27°4078
72. 8.31	2	21 24 15.448	27 42 14.78			
72. 9. 6	1	15.586	15.89			
72. 9.26	3	15.521	15.23			
72.10. 3	3	15.478	15.50			

12566	8.4	2.6756	+0.0039	+15.600	+0.238	25°4549
73.10.30	1	21 24 16.264	25 16 24.48			
73.11. 1	3	16.418	22.66			
75.10.25	3	16.315	22.10			

12566^a	9.5	2.6354	+0.0044	+15.605	+0.235	27°4079
85. 9.26	5	21 24 21.728	27 29 5.36			†

Wrongly reduced for Z.C. (12569). The B.D. α is 5^s less

12567	9.4	2.6494	+0.0042	+15.612	+0.236	26°4178
81.10.31	3	21 24 29.618	26 44 40.62			
90.10.10	7	29.498	41.23			

12568	9.2	2.6421	+0 0043	+15.616	+0.235	27°4082
82.10.18	3	21 24 33.497	27 8 52.76			
84. 9.11	5	33.094	52.48			
84. 9.25	5	33.200	52.92			

12569 Wrongly reduced: see 12566^a

12570	8.3	2.6011	+0.0048	+15.624	+0.231	29°4426
73. 9.12	3	21 24 42.089	29 20 34.53			
73. 9.26	3	42.264	34.09			
76.10.21	3	42.206	34.23			
79.10.25	2	42.156	32.10			
80. 9.27	3	42.153	32.85			

12571	9.5	2.6034	+0.0048	+15.625	+0.231	29°4427
81.10.15	3	21 24 42.967	29 13 29.35			
81.10.17	3	43.213	30.25			

12572	8.0	2.5827	+0.0050	+15.625	+0.230	30°4455
72.10.28	3	21 24 43.836	30 17 29.44			
92. 9.24	7	43.850	30.03			

12573	9.5	2.6299	+0.0045	+15.629	+0.234	— —
73. 9.23	3	21 24 47.371	27 49 58.10			†

12574	8.0	2.6189	+0.0046	+15.636	+0.232	28°4110
75. 9.25	3	21 24 55 808	28 26 26.14			
76.10.11	3	55.724	26.41			
76.10.14	3	55.723	26.57			
86.10. 2	7	55.828	31.55			§

12575	9.1	2.6621	+0.0041	+15.638	+0.236	26°4180
85.10.16	5	21 24 57.494	26 6 31.07			†

12576 $8^{m}8$ $2^{s}5981$ $+0^{s}0049$ $+15''641$ $+0''230$ 29°4428

76. 9.18	1	$21^{h}25^{m}$ $1^{s}193$	29°32′ $7''47$	
77. 9.21	3	1.317	7.38	
84. 9.29	5	1.403	6.95	

12577 9.2 2.6473 +0.0043 +15.643 +0.235 26°4181

75. 9.17	3	21 25 3.666	26 55 50.34	
77.10. 3	3	3.891	50.65	
82.10.25	3	3.755	49.65	
86. 9.29	5	3.782	50.20	
86.10.29	5	3.591	49.98	

12578 9.5 2.6675 +0.0041 +15.647 +0.236 25°4550

87.10.10	5	21 25 7.654	25 49 31.82	
87.10.11	4	7.598	32.28	

12579 8.4 2.5909 +0.0050 +15.649 +0.230 29°4429

73. 9.12	3	21 25 9.529	29 55 32.19	
76. 9.19	3	9.498	34.20	
78.11. 2	3	9.302	33.46	

12580 9.5 2.6379 +0.0044 +15.649 +0.234 27°4083

82.10. 3	3	21 25 10.076	27 27 13.70	+ 5′
82.10. 4	3	10.145	13.64	Z.C.α $10^{s}07$
86.11. 1	5	9.987	11.90	

12581 9.0 2.5873 +0.0050 +15.650 +0.230 30°4460

79. 9.24	3	21 25 10.683	30 7 1.20	
79. 9.25	3	10.413	1.47	
79. 9.29	3	10.595	0.30	
79.10.15	3	10.617	1.65	
80. 9.28	3	10.702	0.98	
80.10. 1	2	10.587	0.65	
80.10.18	3	10.593	1.20	

12582 9.0 2.6473 +0.0043 +15.650 +0.235 26°4182

72. 8.29	3	21 25 11.215	26 56 55.85	Z.C. δ $55''6$
72. 8.29	2	11.405	56.13	
72. 9.18	3	11.262	55.43	
75. 9. 4	3	11.156	55.07	
75. 9.17	3	11.196	55.21	
77.10. 3	3	11.191	55.70	

12583 9.5 2.6399 +0.0044 +15.654 +0.234 27°4084

84.10.22	5	21 25 15.045	27 21 13.49	†

12584 9.0 2.6015 +0.0049 +15.654 +0.230 29°4430

77. 9.21	2	21 25 15.348	29 23 42.38	
79.10. 2	3	15.278	42.57	
79.10. 7	3	15.301	42.13	
79.11. 5	3	15.232	43.10	
80.10. 2	3	15.433	42.74	
80.10.11	2	15.256	42.34	

12585 8.9 2.6743 +0.0040 +15.654 +0.237 25°4551

72. 9.12	3	21 25 15.377	25 27 54.69	
72. 9.19	3	15.353	55.07	
72.10. 9	3	15.415	55.09	
73. 9.22	2	15.322	54.76	

12586 8.5 2.6791 +0.0039 +15.660 +0.237 25°4552

73. 9.25	3	21 25 22.342	25 12 43.07	Z.C. δ $42''8$
73.11. 1	3	22.365	42.63	
74.10.21	3	22.424	42.30	
78 10.25	3	22.467	43.17	—1 int.

12587 $9^{m}3$ $2^{s}6557$ $+0^{s}0042$ $+15''661$ $+0''235$ 26°4184

74.10 3	2	$21^{h}25^{m}22^{s}714$	26° 30′ $41''46$	Z.C. δ $41''0$
76.10 13	3	22.844	41.72	
77. 9. 7	3	22.827	40.63	
77 9.26	3	22.593	40.73	
78.10.24	3	22.834	40.65	
88 10.15	7	22.829	41.01	

12588 9.3 2.6597 +0.0042 +15.661 +0.235 26°4183

85. 9.22	5	21 25 23.099	26 17 36.02	
87.10.14	5	23.334	35.15	

12589 9.4 2.6563 +0.0042 +15.663 +0.235 26°4185

74.10. 3	2	21 25 24.983	26 28 50.56	Z.C.Ep. 80.4
76.10.13	2	25.197	50.60	
78.10.24	3	24.872	51.07	
85 10. 1	5	25.017	51.77	
85.10. 3	5	24.847	51.53	

12590 9.5 2.6038 +0.0049 +15.664 +0.230 29°4431

78.10.10	1	21 25 25.992	29 17 62.35	v. ft.
79.10. 6	2	26.114	61.22	ex. ft.
79.10.25	2	25.957	57.52	§v.ft. bad -10^{s}
79.11. 7	2	25.846	61.84	
80.10.14	2	26.048	63.30	ex. ft.
80.11. 1	2	26.240	59.22	
81.10.26	3	26.134	58.69	ex. ft.
81.10.27	3	26.253	60.43	

12591 8.5 2.5901 +0.0050 +15.667 +0.229 29°4432

73. 9.26	2	21 25 29.342	30 0 52.21	
92. 9.28	7	29.403	50.68	

12592 8.6 2.6743 +0.0040 +15.670 +0.237 25°4553

72. 9.12	3	21 25 32.595	25 29 51.28	
73. 9.22	2	32.591	52.16	
74.10. 7	3	32.573	50.22	
75.10.11	3	32.545	50 83	
75.10.25	3	32.696	51.05	

12593 9.0 2.6231 +0.0047 +15.672 +0.232 28°4111

73. 9.11	3	21 25 35.313	28 18 3.26	Z.C. δ $3''1$
75. 9.25	3	35.172	3.60	
76.10.11	3	35.082	2.35	B + 50″
77.10. 2	3	35.087	3.52	
81.10.20	3	35.122	2.93	

12594 9.4 2.6557 +0.0043 +15.673 +0.235 26°4186

74.10. 3	1	21 25 35.953	26 32 17.39	
88.10 19	7	35.851	16.47	

12595 8.1 2.5988 +0.0049 +15.674 +0.230 29°4434

77. 9.19	3	21 25 37.756	29 35 2.74	
79.10.16	3	37.785	2.34	
80. 9.28	3	37.794	3.76	w. 5 + 1^{s}

12596 8.6 2.6322 +0.0045 +15.676 +0.233 27°4085

72. 9.26	3	21 25 39.868	27 49 2.72	
72.10. 3	3	39.594	2.30	
74.10.22	3	39.852	1.50	
75. 9. 7	3	39.604	0.11	
75.10. 5	3	39.733	1.15	− 5′
76.10.16	3	39.769	1.36	

12597 $9^{\mathrm{m}}5$ $2^{\mathrm{s}}6292$ $+0^{\mathrm{s}}0046$ +15″677 +0″232 27°4086

72. 8.31	3	$21^{\mathrm{h}}25^{\mathrm{m}}39^{\mathrm{s}}934$	27° 59′ 4″00	
72. 9. 6	1	40.366	3.98	
73. 9.17	3	40.305	3.33	
73. 9.23	3	40.097	2.06	
75.11. 4	3	40.317	3.81	
81 10.19	3	40.167	3.65	

12598 7.8 2.5963 +0.0049 +15.679 +0.229 29°4435

74. 9.28	3	21 25 42.972	29 43 46.47	
76.10.21	2	43.302	45.90	
79. 9.25	2	43.169	46.30	-5^{s}
79.10. 6	2	43.109	45.47	
80.10.30	3	43.115	45.56	
81.10.11	3	43.175	45.56	
81.10.11	3	43.165	46.27	

12599 9.1 2.6139 +0.0048 +15.680 +0.231 28°4113

74.10. 2	3	21 25 43.656	28 48 35.48	
84.10.14	5	43.727	34.22	
85. 9.24	4	43.623	36.67	

12600 9.4 2.6217 +0.0047 +15.680 +0.232 28°4112

73. 9.18	3	21 25 43.996	28 23 35.82	Z.C.δ36″2
74.10.12	2	43.720	36.14	
77. 9.27	2	43.750	36.79	

12601 8.9 2.6734 +0.0040 +15.681 +0.236 25°4555

78.10. 8	3	21 25 45.432	25 34 15.37	
79.10. 7	3	45.383	15.52	+1′
80.10.11	3	45.371	14.95	+5′
80.10.14	3	45.575	15.92	
80.10.18	3	45.479	14.27	

12602 9.0 2.6793 +0.0039 +15.681 +0.237 25°4554

74.10. 7	3	21 25 45.514	25 14 43.27	Z.C.δ43″5
77. 9.28	3	45.422	43.67	

12603 9.1 2.6745 +0.0040 +15.684 +0.236 25°4556

75.10.11	3	21 25 48.205	25 31 18.57	
79. 9.24	1	48.248	18.82	
79.10.21	3	48.300	18.08	
79.11. 5	3	48.030	17.95	

12604 9.1 2.6335 +0.0045 +15.684 +0.233 27°4087

84.10. 4	5	21 25 48.424	27 46 19.31	
84.10.24	5	48.405	18.79	
84.10.29	7	48.228	20.02	

12605 8.8 2.6676 +0.0041 +15.687 +0.235 25°4557

73.10.30	3	21 25 51.657	25 54 41.40	
79.10. 2	3	51.783	39.93	
79.11. 7	3	51.648	40.69	
79.11.12	3	51.807	39.60	
80.10. 1	3	51.955	39.49	

12606 9.0 2.6758 +0.0040 +15.700 +0.236 25°4558

72. 9.19	3	21 26 5.814	25 28 60.34	
72.10. 9	3	5.815	61.03	
73. 9.22	1	5.883	62.23	
73. 9.25	3	5.776	62.05	
74.10.21	3	5.800	59.84	
75.10.11	1	5.675	58.61	

12607 $9^{\mathrm{m}}2$ $2^{\mathrm{s}}6097$ $+0^{\mathrm{s}}0048$ +15″701 +0″230 28°4116

86.11. 4	3	$21^{\mathrm{h}}26^{\mathrm{m}}6^{\mathrm{s}}903$	29° 4′ 50″58	
87.10.31	5	7.047	50.77	

12608 9.2 2.6875 +0.0039 +15.705 +0.237 24°4423

82.10.18	2	21 26 12.012	24 50 10.41	
84.11. 3	7	11.606	9.21	

12609 9.1 2.6421 +0.0045 +15.706 +0.233 27°4088

84.10.31	7	21 26 12.716	27 21 32.47	†

12610 9.3 2.5951 +0.0050 +15.708 +0.228 29°4438

86.10. 4	5	21 26 14.628	29 51 40.69	
87.10.13	5	15.075	42.21	

12611 9.5 2.6686 +0.0041 +15.712 +0.235 — —

77. 9.28	2	21 26 19.285	25 54 49.50	† Z.C.δ49″5

12612 9.0 2.6122 +0.0048 +15.718 +0.230 28°4117

74. 9.22	3	21 26 25.830	28 59 18.44	−5′
76.10.14	3	25.817	17.41	
77.10. 2	3	25.835	18.91	
81.10.15	3	25.826	17.89	

12613 9.1 2.6868 +0.0039 +15.720 +0.237 24°4425

81.10.26	3	21 26 27.772	24 54 28.43	+1′
84. 9.11	7	27.765	29.05	
85. 9.26	7	27.846	29.07	

12614 9.3 2.6759 +0.0041 +15.722 +0.235 — —

80. 9.27	3	21 26 30.419	25 31 36.40	
81.10.17	2	30.270	36.55	
81.10.20	2	30.620	37.33	

12615 9.2 2.6396 +0.0046 +15.729 +0.232 27°4090

87.10.24	5	21 26 37.717	27 33 2.48	† -6^{m}

12616 8.8 2.6532 +0.0044 +15.736 +0.233 26°4189

77.10. 3	2	21 26 45.675	26 49 11.05	
78.10.11	3	45.583	10.26	

12617 9.1 2.6277 +0.0047 +15.739 +0.231 28°4118

82.10.25	3	21 26 49.485	28 12 57.64	
84. 9.25	5	49.317	58.18	
87.10.26	5	49.545	57.29	
87.11. 2	7	49.546	56.73	+1′

12618 9.4 2.6190 +0.0048 +15.740 +0.230 28°4119

73. 9.11	3	21 26 49.883	28 40 48.58	
74.10. 2	3	49.883	48.96	
75. 9.25	3	49.592	49.52	
87.10.15	7	50.095	48.69	

12619 9.0 2.5941 +0.0051 +15.740 +0.227 29°4439

72.10.28	3	21 26 50.282	29 59 32.51	
73. 9.12	3	50.149	33.00	
76. 9.18	3	50.074	32.83	
76 9.19	2	50.177	32.53	
76.10.21	3	49.943	31.15	
77. 9.21	3	50.172	31.36	

12620	$9^{m}.2$	$2^{s}.6787$ $+0^{s}.0040$	$+15''.742$ $+0''.235$	25°4561
86. 9.29	5	$21^{h}26^{m}51^{s}.930$	$25^{\circ}24'55''.08$	
90.10. 8	7	51.979	53.85	
90.10.13	7	51.861	55.30	
12621	9.3	2.6143 +0.0049	+15.742 +0.229	28°4120
76.10.11	3	21 26 52.116	28 56 8.24	†
12622	9.3	2.6357 +0.0046	+15.743 +0.231	27°4091
86.10. 5	5	21 26 53.869	27 47 41.51	
91. 9.23	6	53.645	39.10	
12623	9.4	2.6442 +0.0045	+15.746 +0.232	— —
87.10.21	7	21 26 56.175	27 20 20.43	†
12624	9.5	2.6319 +0.0047	+15.747 +0.231	27°4093
72. 9. 6	1	21 26 57.359	28 0 39.77	
72. 9.26	2	57.111	38.76	
72.10. 3	3	57.286	38.54	
73. 9.23	3	57.227	38.60	
12625	8.9	2.6539 +0.0044	+15.747 +0.233	26°4191
72. 9.18	3	21 26 57.495	26 48 16.55	
75. 9. 4	3	57.510	16.70	
75. 9.17	3	57.387	17.50	
75.10. 2	3	57.478	17.30	
77. 9.26	3	57.335	17.56	
77.10. 3	2	57.444	17.53	
78.10.11	3	57.470	17.97	
12626	9.2	2.6808 +0.0040	+15.755 +0.235	25°4562
82.10. 4	3	21 27 6.253	25 19 21.57	
84.10.17	7	6.183	19.87	clds.: ex. ft.
84.10.22	3	6.205	19.62	
84.10.23	5	6.125	20.64	
12627	9.5	2.6567 +0.0043	+15.755 +0.233	26°4192
79.10.15	3	21 27 7.242	26 40 34.52	†
12628	8.4	2.5944 +0.0051	+15.756 +0.227	29°4440
72.10.28	3	21 27 7.872	30 1 11.74	
73. 9.12	2	7.910	10.72	
78.11. 2	3	7.836	12.26	
12629	9.5	2.6321 +0.0047	+15.760 +0.231	27°4094
72. 8.31	3	21 27 12.658	28 1 50.32	
75.10. 5	3	12.691	50.00	
82.10. 3	3	12.869	50.83	
87.10.10	5	12.838	51.78	ex. ft.: bad
12630	9.0	2.5969 +0.0051	+15.761 +0.227	29°4441
74. 9.28	3	21 27 13.018	29 53 54.88	
76. 9.19	1	13.373	55.52	ex.ft.
77. 9.19	3	13.060	54.89	
12631	9.3	2.6150 +0.0049	+15.764 +0.229	28°4122
73. 9.18	3	21 27 16.571	28 57 15.34	
76.10.14	3	16.593	15.73	
77.10. 2	3	16.369	16.47	
77.10.26	3	16.640	16.61	
12632	9.2	2.6298 +0.0047	+15.765 +0.230	28°4123
85. 9.22	5	21 27 17.770	28 10 8.86	
86.10.22	6	17.702	9.23	
86.11. 1	5	18.007	8.55	

12633	$9^{m}.5$	$2^{s}.6564$ $+0^{s}.0044$	$+15''.767$ $+0''.232$	26°4193
77. 9. 7	3	$21^{h}27^{m}19^{s}.475$	$26^{\circ}43'10''.62$	Z.C. Ep. 79.9
79.10. 2	3	19.731	9.21	
79.10. 6	1	19.428	9.06	
79.10. 7	3	19.650	10.21	
79.11. 5	3	19.755	10.07	
80.10. 2	3	19.960	9.93	
80.10.11	2	19.804	10.72	
80.10.14	2	20.114	11.81	ex. ft.
12634	9.2	2.6370 +0.0047	+15.768 +0.231	27°4095
85.10. 1	5	21 27 21.155	27 47 2.44	
85.10. 3	5	21.021	2.85	
12635	9.3	2.6187 +0.0049	+15.772 +0.229	28°4124
81.10.27	3	21 27 26.139	28 46 41.90	
84.10. 4	3	26.052	41.89	
12636	8.8	2.6554 +0.0044	+15.774 +0.232	26°4194
72. 8.29	3	21 27 27.456	26 47 23.92	Z.C. δ 22″.5
75. 9. 4	3	27.467	21.75	
75. 9.17	3	27.326	22.14	
75.10. 2	3	27.338	22.44	
77. 9.26	2	27.287	22.42	
12637	9.2	2.6429 +0.0046	+15.775 +0.231	27°4096
85.10.16	5	21 27 29.065	27 28 49.95	
86.10.29	5	28.729	49.63	
12638	9.5	2.5953 +0.0052	+15.780 +0.226	— —
81.10.19	3	21 27 34.872	30 1 57.61	†
12639	7.8	2.5997 +0.0051	+15.781 +0.227	29°4443
73. 9.26	3	21 27 35.841	29 48 24.74	
74. 9.28	3	35.948	23.20	
76. 9.18	1	36.070	23.19	
78.11. 2	3	35.996	23.35	
79.11. 7	2	36.214	24.24	
12640	9.2	2.6593 +0.0044	+15.783 +0.232	26°4195
77. 9. 7	3	21 27 37.584	26 35 51.95	
78.10. 8	3	37.500	51.10	
78.10.24	3	37.468	50.79	
79. 9.20	3	37.561	49.73	
79. 9.24	3	37.716	50.46	
79. 9.25	3	37.474	51.41	
79. 9.29	3	37.551	50.17	
79.10.16	3	37.708	48.60	
79.10.21	3	37.507	51.65	
80.10. 1	3	37.658	50.63	
80.11. 1	2	37.684	49.90	
81.10.11	3	37.739	49.75	v. ft.
12641	9.1	2.6023 +0.0051	+15.792 +0.227	29°4444
85.10. 7	7	21 27 47.574	29 41 38.59	
85.10.29	7	47.622	37.74	
12642	9.2	2.6753 +0.0042	+15.800 +0.234	25°4564
80.10.30	3	21 27 56.210	25 44 21.66	
86.10.23	5	56.141	22.28	w. $4+1^{s}$
87.10.31	5	56.400	22.07	
12643	8.0	2.6521 +0.0045	+15.806 +0.231	26°4197
72. 8.29	1	21 28 3.954	27 2 55.84	
74.10. 3	3	3.704	56.12	
84.10.14	5	3.699	54.32	

12644	$8^{\mathrm{m}}.2$	$2^{\mathrm{s}}.6830$	$+0^{\mathrm{s}}.0041$	$+15''.816$	$+0''.234$	25°4565
72. 9.12	3	$21^{\mathrm{h}}28^{\mathrm{m}}14^{\mathrm{s}}.242$	$25^{\circ}20'16''.89$			
72. 9.19	3	14.267	16.14			
72.10. 9	3	14.284	16.33			
73. 9.22	3	14.237	16.36			
75.10.11	2	14.210	15.94			
75.10.25	3	14.270	15.23			
77. 9.28	3	14.285	15.92			
12645	9.5	2 6504	+0.0046	+15.820	+0.231	27°4098
82.10.23	3	21 28 19.459	27 10 25.85			
84.10.24	5	19.194	27.62			
12646	9.1	2.6419	+0.0047	+15.821	+0.230	27°4099
86.10. 4	5	21 28 20.375	27 38 37.57			
88.10.15	6	20.571	38.60			
12647	9.3	2.6609	+0.0045	+15.828	+0.231	26°4198
80. 9.27	3	21 28 27.469	26 36 44.67			
87.10.24	5	27.781	44.87			
12648	9.5	2.6113	+0.0051	+15.828	+0.227	29°4447
81.10.15	3	21 28 28.425	29 18 45.86			† v. ft.
12649	9.4	2.6498	+0.0046	+15.830	+0.230	27°4100
81.10.27	3	21 28 30.392	27 14 11.52			
81.10.31	3	30.403	8.83			
12650	9.3	2.6124	+0.0051	+15.831	+0.227	29°4448
81.10.26	3	21 28 31.104	29 15 54.11			
82.10. 3	3	31.214	55.25			
84.11. 3	5	31.050	52.14			
12651	8.8	2.6287	+0.0049	+15.837	+0.229	28°4128
73 9.11	3	21 28 38.225	28 24 6.44			Z.C. δ 4″.8
74.10.12	3	38.240	5.86			
76.10.14	3	38.185	4.75			
77. 9.27	3	38.139	4.24			
77.10. 2	3	38.068	3.74			
81.10.17	3	38.159	3.74			
81.10.19	3	38.264	5.00			
12652	9.5	2.6386	+0 0048	+15.840	+0 229	— —
73 9.17	3	21 28 41.581	27 52 19.89			†
12653	9.0	2.6758	+0.0043	+15.842	+0.233	25°4567
72.10. 9	3	21 28 43.892	25 48 28.85			
73. 9.25	3	43.836	29.28			
74.10. 7	3	43.852	28.86			
12654	9.3	2 6235	+0.0050	+15.847	+0.228	28°4129
82.10.18	3	21 28 49.618	28 42 45.90			
84. 9.25	5	49.333	47.10			
87.10 26	5	49.572	44.63			
12655	9.3	2.6652	+0.0044	+15.849	+0.231	26°4199
85. 9.24	5	21 28 51.596	26 25 35.73			
86. 9.29	5	51.745	36.10			
12656	8.5	2.6812	+0.0042	+15.850	+0.233	25°4568
72. 9.12	3	21 28 52.935	25 31 21.26			
73.10.30	3	52.886	20.39			
73.11. 1	3	52.962	18.46			
77. 9.28	3	52.866	18.45			

12657	$9^{\mathrm{m}}.3$	$2^{\mathrm{s}}.6091$	$+0^{\mathrm{s}}.0051$	$+15''.854$	$+0''.226$	29°4449
86.10. 5	5	$21^{\mathrm{h}}28^{\mathrm{m}}57^{\mathrm{s}}.154$	$29^{\circ}29'59''.03$			
87.10.14	5	57.313	59.13			
88.10.20	7	57.299	58.03			
12658	9.3	2.6773	+0.0043	+15.855	+0.232	— —
80.10.30	3	21 28 57.669	25 45 20.91			† − 1^{m}
12659	9.5	2.6691	+0.0043	+15.859	+0.232	26°4200
86.11. 1	5	21 29 2.829	26 13 42.50			†
12660	9.2	2.6570	+0.0046	+15.872	+0.230	26°4201
82.10.25	3	21 29 16..732	26 56 10.89			
85. 9.22	7	16.645	11.43			
85.10 1	5	16.631	11.08			
85.10. 3	5	16.659	10.44			
12661	9.0	2.6427	+0.0048	+15.873	+0.229	27°4104
72. 9. 6	3	21 29 18.395	27 43 55.20			Z.C. δ 54″.6
72. 9.26	3	18.571	54.82			
72.10. 3	3	18.375	54.69			
75.10. 5	3	18.295	54.26			
75.10. 5	1	18.485	53.77			− 1^{m}
76.10.16	3	18.385	53.81			
77. 9.24	3	18.557	55.40			
12662	9.5	2.6394	+0.0048	+15.873	+0.229	27°4103
73. 9.23	2	21 29 18.540	27 54 51.51			
90.10.13	7	18.664	52.20			
12663	8.8	2.5979	+0.0053	+15.874	+0.224	30°4472
92. 9.24	7	21 29 19.482	30 8 17.20			
92. 9.28	7	19.449	18.15			
12664	9.0	2.6853	+0.0042	+15.874	+0.232	25°4570
73 9.25	3	21 29 19.498	25 20 41.05			
73.10.30	3	19.746	40.81			
73.11. 1	3	19.564	39.97			
75.10.11	3	19.554	40.50			
12665	9.3	2.6303	+0.0049	+15.875	+0.228	28°4130
84.10. 4	5	21 29 19.974	28 24 39.76			
88.10.19	5	20.127	39.99			
12666	9.0	2.6060	+0.0052	+15.876	+0.225	29°4452
72.10.28	3	21 29 21.208	29 43 1.40			
73. 9.12	3	21.534	3.03			
73. 9.26	3	21.413	2.41			
76.10.21	3	21.480	1.03			
77. 9.19	3	21.409	2.84			
78 11. 2	3	21.507	2.65			
79. 9.20	2	21.459	0.99			
79. 9.25	3	21.575	2.51			§ − 1^{m}.
12667	9.3	2.6667	+0.0045	+15.882	+0.231	— —
87 10.19	5	21 29 28.857	26 25 4.20			†
12668	9.5	2.6297	+0.0049	+15.886	+0.228	28°4131
81.10.26	3	21 29 32.994	28 28 26.27			†

12669	**$9^{\mathrm{m}}.0$**	**$2^{\mathrm{s}}.6404$**	**$+0^{\mathrm{s}}.0048$**	**$+15''.887$**	**$+0''.229$**	**$27^{\circ}4106$**
73. 9.17	3	$21^{\mathrm{h}}29^{\mathrm{m}}33^{\mathrm{s}}.711$		$27^{\circ}53'32''.26$		
73. 9.23	3	33.561		31.03		
74.10.22	3	33.545		32.07		
75. 9. 7	3	33.663		31.94		
75.11. 4	3	33.506		32.19		
81.10.20	3	33.779		30.87		
12670	**9.4**	**2.6514**	**+0.0047**	**+15.888**	**+0.229**	**— —**
81.10.15	2	21 29 35.497		27 17 16.13		
81.10.31	3	35.631		15.84		
12671	**9.3**	**2.6818**	**+0.0043**	**+15.891**	**+0.232**	**$25^{\circ}4571$**
86.11. 4	4	21 29 37.808		25 34 50.68		
87.11. 2	5	38.113		51.19		
12672	**9.3**	**2.6663**	**+0.0045**	**+15.891**	**+0.230**	**$26^{\circ}4204$**
85.10.16	5	21 29 38.824		26 27 54.17		
86.10.29	4	38.486		53.65		
12673	**8.3**	**2.6796**	**+0.0043**	**+15.892**	**+0.232**	**$25^{\circ}4572$**
72.10. 9	3	21 29 39.127		25 42 35.19		
74.10. 7	3	39.148		34.41		
75.10.25	3	39.123		35.00		
80.10.30	2	39.160		34.78		
80.11. 4	3	39.184		35.35		
80.11. 4	2	39.194		34.75		
12674	**9.5**	**2.6404**	**+0.0048**	**+15.893**	**+0.228**	**— —**
75. 9. 7	3	21 29 40.803		27 54 23.88		†
12675	**9.0**	**2.6636**	**+0.0045**	**+15.894**	**+0.230**	**$26^{\circ}4205$**
72. 9.18	3	21 29 41.512		26 37 28.87		
74.10. 3	3	41.611		28.78		
76.10.13	3	41.706		28.63		
77. 9.26	3	41.557		28.63		
78.10.24	3	41.720		28.58		
84. 9.29	5	41.659		28.81		
87.10.15	7	41.675		28.63		
12676	**7.0**	**2.6455**	**+0.0048**	**+15.898**	**+0.229**	**$27^{\circ}4107$**
72. 8.31	3	21 29 46.753		27 38 30.25		
73. 9.17	2	46.899		30.29		
74.10.22	1	46.666		29.21		
12677	**8.8**	**2.6489**	**+0.0047**	**+15.900**	**+0.229**	**$27^{\circ}4108$**
72. 9. 6	2	21 29 49.272		27 27 44.54		
72. 9.26	3	49.245		44.51		
72.10. 3	3	49.390		45.15		
12678	**9.2**	**2.6594**	**+0.0046**	**+15.907**	**+0.229**	**$26^{\circ}4206$**
75. 9.17	3	21 29 56.966		26 53 33.15		Z.C. $\alpha\,57^{\mathrm{s}}.10$
75.10. 2	3	57.093		32.39		
77.10. 3	3	56.936		32.88		
82.10.18	3	57.358		31.42		
87.10.31	5	57.124		32.64		
12679	**9.5**	**2.6819**	**+0.0043**	**+15.908**	**+0.231**	**$25^{\circ}4573$**
73. 9.22	3	21 29 57.070		25 36 49.95		
73.10.30	2	57.332		49.36		
74.10. 7	2	57.379		49.02		
12680	**$9^{\mathrm{m}}.0$**	**$2^{\mathrm{s}}.5968$**	**$+0^{\mathrm{s}}.0054$**	**$+15''.908$**	**$+0''.224$**	**$30^{\circ}4476$**
93. 8.21	7	$21^{\mathrm{h}}29^{\mathrm{m}}58^{\mathrm{s}}.127$		$30^{\circ}17'14''.53$		
93. 8.23	5	58.073		15.02		
12681	**9.2**	**2.6930**	**+0.0041**	**+15.909**	**+0.232**	**$24^{\circ}4435$**
82.10.23	3	21 29 59.195		24 58 43.11		
84.10.31	7	58.884		43.66		
12682	**9.4**	**2.6795**	**+0.0043**	**+15.917**	**+0.231**	**$25^{\circ}4574$**
73. 9.25	3	21 30 7.517		25 46 40.76		
75.10.11	3	7.555		39.60		
12683	**9.5**	**2.6709**	**+0.0045**	**+15.917**	**+0.230**	**$26^{\circ}4207$**
81.10.20	3	21 30 8.487		26 15 53.40		
82.10. 3	3	8.327		54.19		
86.10. 4	5	8.146		53.59		
12684	**9.1**	**2.6596**	**+0.0046**	**+15.921**	**+0.229**	**$26^{\circ}4208$**
75. 9. 4	3	21 30 12.333		26 54 42.36		Z.C. $\delta\,42''.9$
75. 9.17	3	12 116		43.08		
77.10. 3	3	12.447		43.20		
12685	**8.9**	**2.6457**	**+0.0048**	**+15.921**	**+0.228**	**$27^{\circ}4110$**
75.11. 4	3	21 30 12.751		27 41 24.73		Z.C. $\delta\,24''.7$
76.10.16	3	12.824		24.78		
77. 9.24	2	12.953		24.50		
12686	**8.4**	**2.6183**	**+0.0052**	**+15.925**	**+0.225**	**$29^{\circ}4453$**
72.10.28	3	21 30 16.842		29 11 15.87		
73. 9.26	3	16.811		17.41		
76. 9.19	3	16.796		17.92		
12687	**9.0**	**2.6066**	**+0.0053**	**+15.927**	**+0.224**	**$29^{\circ}4454$**
74. 9.28	3	21 30 19.021		29 49 6.24		
76. 9.18	3	19.075		6.31		
76.10.21	3	19.254		5.59		
77. 9.19	3	19.154		6.69		
79. 9.24	3	19.139		5.77		
79.11. 7	3	19.173		6.12		
12688	**9.1**	**2.6435**	**+0.0049**	**+15.928**	**+0.228**	**$27^{\circ}4111$**
84.10.14	7	21 30 20.338		27 49 23.89		
84.11. 3	6	20.148		18.85		
86.11. 1	3	20.097		23.38		
12689	**9.5**	**2.6562**	**+0.0047**	**+15.928**	**+0.229**	**$27^{\circ}4112$**
82.10.25	3	21 30 20.246		27 7 15.50		†
12690	**9.1**	**2.6212**	**+0.0051**	**+15.928**	**+0.226**	**$28^{\circ}4133$**
82.10. 4	3	21 30 20.395		29 2 40.33		
84.10.24	5	20.599		39.97		
84.10.29	7	20.622		40.01		v. ft.
12691	**8.9**	**2.6794**	**+0.0044**	**+15.929**	**+0.231**	**$25^{\circ}4575$ A**
72. 9.12	3	21 30 20.944		25 48 40.41		d. p.
75.10.25	3	21.065		40.40		p.
77. 9.28	2	20.989		39.30		p.
78.10. 8	3	20.888		41.38		
12692	**8.8**	**2.6794**	**+0.0044**	**+15.929**	**+0.231**	**$25^{\circ}4575$ B**
73. 9.22	3	21 30 21.725		25 48 42.93		d. f.
77. 9.28	1	21.706		40.19		Z.C. $\delta\,41''.7$
78.10. 8	3	21.898		41.84		

12693	$9^{m}0$	$2^{s}6229$	$+0^{s}0051$	$+15''931$	$+0''226$	28°4134
72.10.14	2	$21^{h}30^{m}24^{s}104$	$28° 57' 33''78$			
73. 9.11	3	24.099	35.11			
73. 9.18	3	24.024	36.31			
74. 9.22	3	23.973	35.75			
76.10.14	3	24.015	35.44			
77.10. 2	3	23.922	35.87			
81.10.27	3	23.977	34.55			
12694	9.5	2.6166	+0.0052	+15.938	+0.225	— —
79.10. 2	3	21 30 31.100	29 18 52.04			†
12695	9.0	2.6640	+0.0046	+15.938	+0.229	26°4210
72. 8.29	3	21 30 31.954	26 42 40.74			
72. 9.18	3	31.878	39.04			
76.10.13	3	31.924	39.71			
12696	9.1	2.6518	+0.0048	+15.939	+0.228	27°4113
72. 8.31	3	21 30 32.871	27 23 44.49			
72. 9.26	2	33.251	45.50			
72.10. 3	2	33.044	44.29			
88.10.15	5	33.112	45.31			
12697	9.1	2.6580	+0.0047	+15.940	+0.228	26°4211
81.10.19	3	21 30 33.983	27 3 1.05			
86.10.23	4	33.948	1.08			
90.10.18	7	34.016	1.58			
90.10.27	7	34.057	0.41			
12698	9.5	2.6802	+0.0044	+15.941	+0.231	— —
73.11. 1	3	21 30 34.552	25 47 42.11			†
12699	9.4	2.6089	+0.0053	+15.943	+0.224	— —
79.11. 5	3	21 30 36.904	29 44 31.44			
81.10.11	3	37.158	30.67			
12700	9.5	2.6256	+0.0051	+15.945	+0.226	28°4135
81.10.17	3	21 30 39.262	28 50 51.07			†
12701	9.3	2.6033	+0.0054	+15.949	+0.223	29°4455
73. 9.26	3	21 30 44.203	30 3 17.69			Z.C. δ $16''6$
77. 9.21	2	44.244	15.85			
77.10. 4	3	44.324	16.19			
12702	9.3	2.6449	+0.0049	+15.950	+0.227	27°4115
85. 9.24	7	21 30 45.773	27 48 20.87			
86.10.22	3	45.544	22.81			
12703	6.7	2.6140	+0.0053	+15.952	+0.224	29°4456
73. 9.12	3	21 30 47.274	29 29 41.11			
78.11. 2	3	47.350	40.78			
84. 9.25	5	47.330	41.62			
12704	8.1	2.6238	+0.0052	+15.958	+0.225	28°4137
73. 9.11	3	21 30 54.600	28 58 52.29			Z.C. α $54^{s}55$
73. 9.18	3	54.394	52.24			
74. 9.22	3	54.562	53.01			
76.10.11	3	54.471	52.50			
76.10.14	3	54.578	51.63			
77. 9.27	3	54.577	52.45			
77.10. 2	2	54.567	53.25			
77.10.26	3	54.614	53.89			
12705	9.4	2.6359	+0.0050	+15.961	+0.226	28°4138
86.10. 5	5	21 30 57.526	28 19 48.45			
87.10.14	5	57.646	50.35			

12706	$9^{m}0$	$2^{s}6751$	$+0^{s}0044$	$+15''966$	$+0''229$	26°4213
74.10. 3	3	$21^{h}31^{m} 3^{s}109$	$26° 8' 48''33$			
75. 9. 4	3	3.152	48.32			
75. 9.17	2	3.252	48.32			
75.11. 8	3	3.339	46.40			
12707	8.3	2.6223	+0.0052	+15.977	+0.225	29°4458
72.10.28	3	21 31 16.066	29 6 43.34			
74. 9.28	3	16.165	43.45			
76. 9.18	3	16.135	42.87			
76. 9.19	3	16.157	44.45			
84.10.17	7	16.044	42.51			
84.10.22	7	16.166	42.27			
84.10.23	7	16.108	42.52			
12708	9.1	2.6654	+0.0046	+15.978	+0.228	26°4214
85.10. 1	5	21 31 16.777	26 43 42.36			
85.10. 3	5	16.782	41.54			
12709	8.5	2.6946	+0.0042	+15.979	+0.231	24°4438
72.10. 9	3	21 31 17.399	25 3 18.74			
73.11. 1	1	17.434	19.47			
82.10.18	3	17.590	19.09			
84.10. 4	5	17.439	18.73			
85.10. 7	5	17.530	19.49			
85.10.29	5	17.470	19.13			
12710	8.5	2.6190	+0.0053	+15.980	+0.224	29°4459
74. 9.26	3	21 31 19.306	29 17 55.96			
77. 9.19	3	19.187	56.11			
79.10. 2	3	19.356	56.43			
79.10. 6	3	19.342	55.15			
79.10. 6	2	19.332	55.21			
12711	8.7	2.6540	+0.0048	+15.982	+0.227	27°4117
72. 9. 6	3	21 31 21.183	27 22 53.47			
72. 9.26	2	21.414	52.47			
72.10. 3	1	21.356	53.43			
73. 9.23	3	21.057	52.27			
75. 9. 7	3	21.135	53.21			
78.10.12	3	21.201	53.55			
12712	9.5	2.6038	+0.0054	+15.985	+0.222	30°4487
82.10. 4	2	21 31 24.276	30 7 25.36			†
12713	8.7	2.6645	+0.0047	+15.986	+0.228	26°4215
72. 8.29	3	21 31 26.425	26 48 4.97			Z.C. δ $4''0$
75.10. 2	3	26.417	3.81			
75.11. 8	1	26.524	3.26			
77. 9. 7	3	26.362	4.54			
77. 9.26	3	26.197	3.53			
12714	9.0	2.6112	+0.0054	+15.987	+0.223	29°4460
73. 9.12	2	21 31 27.347	29 44 4.80			Z.C. δ $3''6$
77.10. 4	2	27.335	3.46			
78.11. 2	3	27.228	4.83			
79. 9.20	3	27.287	3.20			
79. 9.24	3	27.269	5.17			
79. 9.25	3	27.149	3.94			
79. 9.29	3	27.417	2.82			
79.10. 7	2	27.247	3.26			
79.10.16	3	27.508	2.13			
79.11. 5	2	27.392	3.75			
80.10. 2	3	27.356	4.78			
80.11. 1	3	27.282	1.98			
81.10.17	1	27.323	2.18			

12715 9$^{\mathrm{m}}$.3 2$^{\mathrm{s}}$.6656 +0$^{\mathrm{s}}$.0047 +15$''$.988 +0$''$.228 — —
82.10.23 2 $21^{\mathrm{h}}31^{\mathrm{m}}28^{\mathrm{s}}.032$ 26° 44′ 18″.59 †

12716 9.2 2.6109 +0.0054 +15.991 +0.223 29°4461
73. 9.12 1 21 31 31.505 29 45 42.09
76.10.21 2 31.368 41.97 − 1 int.
79. 9.20 3 31.200 40.53
79. 9.24 2 31.362 40.94
79. 9.25 2 31.222 41.04
79. 9.29 3 31.291 38.67
79.10. 7 3 31.370 40.54
79.11. 5 3 31.256 40.15
79.11. 7 3 31.362 41.76
80.10. 2 3 31.228 41.30
80.11. 1 2 31.405 39.84
81.10.11 3 31.386 40.45

12717 9.0 2.6386 +0.0050 +15.997 +0.225 28°4140
72.10.14 3 21 31 38.070 28 16 11.38
73. 9.18 2 38.117 11.72
74.10. 2 3 38.003 12.62
75. 9.25 3 37.722 12.64
81.10.20 3 37.924 11.58
81.10.26 3 37.909 9.99

12718 9.5 2.6485 +0.0049 +15.997 +0.226 — —
73. 9.17 3 21 31 38.318 27 43 18.87 †

12719 9.4 2.6767 +0.0045 +15.998 +0.229 26°4216
81.10.27 3 21 31 39.182 26 7 52.07 Z.C. α 39$^{\mathrm{s}}$.22
81.10.31 3 39.252 50.91 + 5′

12720 9.0 2.6959 +0.0042 +16.001 +0.230 24°4439
72. 9.12 3 21 31 43.268 25 2 0.80
73. 9.25 3 43.237 1.41
73.10.30 3 43.399 2.11

12721 9.2 2.6700 +0.0046 +16.003 +0.228 26°4217
84. 9.29 5 21 31 45.145 26 31 55.81
85. 9.22 5 45.089 56.00

12722 8.0 2.6274 +0.0052 +16.007 +0.224 28°4141
73. 9.11 3 21 31 49.784 28 54 42.64
74.10.12 3 49.796 43.86
77.10.26 3 49.896 43.73

12723 9.5 2.6370 +0.0051 +16.010 +0.225 28°4142
82.10.25 3 21 31 53.397 28 23 40.38 †

12724 9.2 2.6541 +0.0048 +16.011 +0.226 — —
86.10.29 5 21 31 54.141 27 26 49.67 †

12725 9.5 2.6147 +0.0053 +16.015 +0.223 — —
93. 9.14 7 21 31 59.004 29 37 14.04 †

12726 9.5 2.6145 +0.0053 +16.016 +0.223 29°4462
93. 8.25 7 21 31 59.910 29 38 3.43 v. ft.
93. 9.11 7 59.939 4.94 n. f. of 2
93. 9.12 7 60.108 5.24 l. of 2

12727 9.2 2.6550 +0.0048 +16.019 +0.226 27°4118
73. 9.23 3 21 32 3.866 27 25 7.62
87.10.24 6 3.923 9.05

12728 9$^{\mathrm{m}}$.2 2$^{\mathrm{s}}$.6676 +0$^{\mathrm{s}}$.0046 +16$''$.021 +0$''$.227 26°4219
72. 9.18 2 $21^{\mathrm{h}}32^{\mathrm{m}}\,5^{\mathrm{s}}.293$ 26° 42′ 35″.78 Z.C. δ 35″.7
74.10. 3 3 4.964 35.31
77.10. 3 3 5.095 36.15

12729 8.6 2.6253 +0.0053 +16.032 +0.224 28°4143
74. 9.22 3 21 32 18.659 29 5 29.68
74.10. 2 3 18.525 31.15
74.10.12 3 18.504 30.41
75. 9.25 3 18.444 30.08 + 1°
76.10.14 3 18.546 30.14 − 10′
77.10. 2 3 18.459 29.76

12730 8.9 2.6809 +0.0045 +16.033 +0.228 25°4579
72.10. 9 2 21 32 19.058 25 58 33.04
73.10.30 3 19.150 33.18
75.10.11 3 19.037 32.88
75.10.25 3 18.915 32.20

12731 8.9 2.6695 +0.0046 +16.035 +0.227 26°4221
72. 8.29 3 21 32 22.058 26 38 32.81
75. 9. 4 3 21.865 31.46
75. 9.17 2 21.665 31.31
78.10.11 3 21.958 30.75
78.10.24 3 21.878 31.20

12732 8.4 2.6222 +0.0053 +16.045 +0.223 29°4464
72.10.28 3 21 32 32.608 29 17 44.74
76. 9.18 3 32.528 43.28
76. 9.19 3 32.640 45.46
78.11. 2 2 32.534 44.68
79.10. 2 3 32.594 45.03
81.10.27 2 32.564 44.93

12733 9.0 2.6393 +0.0051 +16.052 +0.224 28°4145
72.10.14 2 21 32 41.126 28 22 44.95
74.11. 7 3 40.946 45.53
75. 9.25 1 40.860 45.74
77. 9.27 3 40.794 46.41
77.10.26 3 41.032 46.63
81.10.19 3 40.844 45.54

12734 9.5 2.6109 +0.0055 +16.054 +0.221 — —
79.10.25 2 21 32 42.826 29 55 46.59
80. 9.27 3 42.888 49.89

12735 8.5 2.6578 +0.0049 +16.054 +0.226 27°4121
72. 9. 6 3 21 32 43.251 27 21 8.51 Z.C. δ 7″.9
75.10. 5 3 43.076 7.59
76.10.16 3 43.065 7.53
77. 9.24 3 43.109 7.49
78.10.12 3 43.201 8.55

12736 9.0 2.6127 +0.0055 +16.056 +0.221 29°4466
73. 9.26 3 21 32 45.292 29 50 27.11
76.10.21 3 45.497 27.06
77. 9.19 3 45.287 26.85
79.11. 5 2 45.470 27.07

12737 9.4 2.6873 +0.0044 +16.058 +0.228 25°4580
73.10.30 2 21 32 47.905 25 40 27.62
74.10. 7 3 47.709 27.01
77. 9.28 3 47.854 26.56
80.10.30 3 47.902 25.66

12738	**$9^{\mathrm{m}}.3$**	**$2^{\mathrm{s}}.6712$**	**$+0^{\mathrm{s}}.0047$**	**$+16''.061$**	**$+0''.227$**	**$26^\circ 4222$**
86.10. 5	5	$21^{\mathrm{h}}32^{\mathrm{m}}51^{\mathrm{s}}.389$		$26^\circ\,36'\,17''.65$		Z.C. $\delta\,17''.6$
86.10 22	3	51.764		18.62		
86.11. 1	5	51.392		16.57		
12739	**8.8**	**2.6095**	**+0.0055**	**+16.064**	**+0.221**	**$29^\circ 4467$**
74. 9.28	3	21 32 54.593		30 2 7.59		Z.C. $\delta\,7''.1$
76. 9.18	2	54.781		6.73		
77. 9.21	3	54.880		6.98		
12740	**8.7**	**2.6348**	**+0.0052**	**+16.064**	**+0.223**	**$28^\circ 4147$**
73. 9.11	2	21 32 55.174		28 40 4.51		
73. 9.18	3	55.386		4.51		
74.11. 7	3	55.366		4.99		
76.10.11	3	55.121		4.33		
12741	**8.5**	**2.6623**	**+0.0048**	**+16.067**	**+0.226**	**$27^\circ 4122$**
72. 8.31	3	21 32 57.608		27 7 33.32		
72. 9.26	3	58.010		34.36		
73. 9.23	3	57.816		32.60		$-15'$
75. 9. 7	3	57.737		34.74		
75.11. 4	3	57.776		33.01		
12742	**9.3**	**2.6651**	**+0.0048**	**+16.069**	**+0.226**	**$26^\circ 4223$**
88.10.15	4	21 33 0.078		26 58 47.00		†
12743	**9.5**	**2.6522**	**+0.0050**	**+16.073**	**+0.224**	**$27^\circ 4123$**
85.10. 1	5	21 33 4.920		27 42 57.32		
85.10. 3	5	4.844		56.50		
12744	**9.2**	**2.6689**	**+0.0047**	**+16.073**	**+0.226**	**$26^\circ 4225$**
75.10. 2	3	21 33 5.206		26 46 19.04		Z.C. $\delta\,19''.0$
76.10.13	3	5.224		18.16		
77. 9. 7	3	5.268		18.97		
77. 9.26	3	5.172		18.74		
77.10. 3	3	5.337		20.06		
93. 8.21	5	4.967		16.77		§
12745	**9.5**	**2.6248**	**+0.0054**	**+16.074**	**+0.222**	**$29^\circ 4469$**
82.10. 3	2	21 33 5.800		29 14 10.67		†
B.D. identification not given in Z.C.						
12746	**6.7**	**2.7006**	**+0.0043**	**+16.075**	**+0.229**	**$24^\circ 4445$**
83. 9.27	5	21 33 7.471		24 56 8.93		
92. 9.24	7	7.237		7.94		
12747	**9.5**	**2.6234**	**+0.0054**	**+16.076**	**+0.222**	**$29^\circ 4470$**
84. 9.25	5	21 33 8.471		29 18 54.14		
84.10.24	5	8.386		52.60		
12748	**9.5**	**2.6701**	**+0.0048**	**+16.090**	**+0.226**	**— —**
72. 9.18	2	21 33 24.967		26 44 40.27		
74.10. 3	3	25.189		40.82		
12749	**9.5**	**2.6502**	**+0.0051**	**+16.093**	**+0.224**	**$27^\circ 4125$**
82.10.23	3	21 33 27.559		27 52 40.87		
84.10.14	6	27.495		47.00		bad: w. $6-1^{\mathrm{s}}$
12750	**8.6**	**2.6876**	**+0.0045**	**+16.093**	**+0.227**	**$25^\circ 4581$**
72. 9.12	3	21 33 27.660		25 44 16.40		
72.10. 9	3	27.680		16.72		
73. 9.22	3	27.558		17.96		ft.
74.11. 9	3	27.707		16.39		
78.10. 8	3	27.558		16.54		
80.10.30	3	27.601		15.94		
12751	**$9^{\mathrm{m}}.5$**	**$2^{\mathrm{s}}.6291$**	**$+0^{\mathrm{s}}.0054$**	**$+16''.106$**	**$+0''.221$**	**$29^\circ 4472$**
81.10.17	2	$21^{\mathrm{h}}33^{\mathrm{m}}43^{\mathrm{s}}.516$		$29^\circ\,5'\,21''.15$		
81.10.19	3	43.369		22.18		
81.10.20	3	43.437		22.33		
81.10.31	3	43.581		21.31		
12752	**9.4**	**2.6368**	**+0.0053**	**+16.109**	**+0.222**	**$28^\circ 4150$**
84. 9.29	5	21 33 46.518		28 40 19.17		
84.10. 4	7	46.644		20.62		
12753	**8.3**	**2.6836**	**+0.0046**	**+16.112**	**+0.226**	**$25^\circ 4582$**
74.10. 7	3	21 33 50.383		26 1 38.21		
74.11. 9	3	50.396		36.99		
75.10.11	3	50.236		37.38		
76.10.10	3	50.349		37.00		
12754	**8.7**	**2.6088**	**+0.0056**	**+16.113**	**+0.220**	**$30^\circ 4495$**
72.10.28	3	21 33 50.710		30 12 22.07		
73. 9.26	3	50.601		23.57		
74. 9.26	3	50.623		22.19		
12755	**9.2**	**2.6619**	**+0.0050**	**+16.114**	**+0.224**	**$27^\circ 4126$**
73. 9.17	2	21 33 51.695		27 16 29.58		
75.10. 5	3	51.749		27.80		
82.10.25	3	51.629		28.22		
85. 9.22	5	51.599		28.79		
85.10. 7	5	51.721		29.22		
85.10.29	5	51.729		28.26		
12756	**9.4**	**2.6720**	**+0.0048**	**+16.115**	**+0.225**	**$26^\circ 4227$**
72. 8.29	3	21 33 53.293		26 42 5.73		
75. 9.17	2	53.248		4.49		
75.10. 2	3	53.329		4.64		
12757	**9.0**	**2.6929**	**+0.0044**	**+16.116**	**+0.227**	**$25^\circ 4583$**
73.10.30	2	21 33 54.405		25 29 30.39		
73.11. 1	3	54.350		29.41		
75.10.11	2	54.367		28.90		
75.10.25	3	54.372		29.15		
12758	**9.4**	**2.6430**	**+0.0052**	**+16.118**	**+0.222**	**$28^\circ 4151$**
82.10.23	3	21 33 55.715		28 21 11.10		s. p. of 2
84.11. 3	3	55.543		11.65		s. p. of 2
85.10.16	5	55.537		13.25		s. p. of 2
12759	**8.5**	**2.6207**	**+0.0055**	**+16.123**	**+0.220**	**$29^\circ 4474$**
74. 9.28	3	21 34 1.935		29 35 28.85		
76. 9.19	3	2.182		29.29		
76.10.21	3	2.085		28.00		
12760	**9.0**	**2.6137**	**+0.0056**	**+16.129**	**+0.220**	**$29^\circ 4475$**
74. 9.28	3	21 34 8.851		29 59 24.01		
74. 9.26	3	9.134		23.18		
77. 9.19	3	8.883		23.62		
77. 9.21	3	9.006		22.94		
78.11. 2	3	9.017		22.99		
79. 9.25	3	8.899		23.62		
79. 9.29	3	9.088		21.68		
79.10.21	3	8.941		22.63		
79.10.25	3	8.877		21.41		
79.11. 7	3	9.011		23.65		
80. 9.28	3	8.944		21.97		

12761 $8^{\mathrm{m}}8$ $2^{\mathrm{s}}6389$ $+0^{\mathrm{s}}0053$ $+16''134$ $+0''222$ 28°4153

72.10.14	3	$21^{\mathrm{h}}34^{\mathrm{m}}15^{\mathrm{s}}316$	28° 37′ $15''06$	Z.C.δ$16''2$
73. 9.11	3	15.309	16.12	Z.C.Ep.76.1
75. 9.25	2	15.198	17.09	
76.10.11	3	15.140	16.52	
76.10.14	3	15.216	16.09	
77. 9.27	3	15.123	15.18	
77.10. 2	3	15.071	16.82	
77.10.26	3	15.351	16.92	

12762 9.3 2.6830 +0.0047 +16.135 +0.226 26°4229

82.10.18	3	21 34 16.162	26 6 54.69	
84.10.17	7	15.902	54.10	
84.10.22	5	15.797	54.92	

12763 9.3 2.6313 +0.0054 +16.135 +0.221 28°4154

87.10.19	5	21 34 17.198	29 2 41.59	
87.10.31	5	16.843	41.74	

12764 8.2 2.6254 +0.0055 +16.138 +0.220 29°4476

72.10.28	3	21 34 19.544	29 22 44.33	
73. 9.12	3	19.265	45.14	
79. 9.24	3	19.573	43.73	
79.10. 2	3	19.429	43.90	
79.10. 2	3	19.479	43.86	
79.10. 7	3	19.487	43.78	
79.10.16	3	19.572	44.02	
79.11. 7	3	19.178	44.59	
79.11.12	3	19.375	44.13	
80.10. 2	3	19.422	43.84	
80.11. 1	3	19.410	42.41	
81.10.11	3	19.385	43.50	
82.10. 4	3	19.312	44.53	w. $3+10^{\mathrm{s}}$

12765 9.4 2.6457 +0.0052 +16.144 +0.222 — —

90.10.27	7	21 34 27.057	28 16 12.12	† ex ft.

Not 28° 4155 : see appendix 12764^{a}

12766 8.8 2.6569 +0.0050 +16.144 +0.223 27°4128

72. 8.31	3	21 34 27.118	27 38 31.25	
72. 9.26	3	27.189	32.12	
72.10. 3	3	27.269	31.91	
74. 9.24	3	27.146	32.23	

12767 9.3 2.6847 +0.0047 +16.145 +0.225 25°4585

81.10.19	2	21 34 28.293	26 2 46.27	†

12768 9.0 2.6952 +0.0045 +16.148 +0.226 25°4586

72.10. 9	3	21 34 31.826	25 26 12.66	
73.11. 1	2	31.939	12.30	
74.10. 7	2	31.896	12.56	+5′
75. 9.30	3	31.872	11.85	
90.10.18	5	31.885	13.30	

12769 9.5 2.6641 +0.0049 +16.149 +0.223 27°4129

73. 9.17	3	21 34 32.226	27 14 37.06	
76.10.16	3	32.203	35.66	
78.10.12	3	32.406	38.09	

12770 9.0 2.6783 +0.0048 +16.149 +0.225 26°4230

72. 9.18	3	21 34 32.976	26 25 32.44	Z.C.δ$33''3$
75.11. 8	3	32.826	33.93	
76.10.13	3	32.886	32.58	
77. 9.26	3	32.817	34.35	

The B.D. α is 3^{s} less

12771 $8^{\mathrm{m}}6$ $2^{\mathrm{s}}6768$ $+0^{\mathrm{s}}0048$ $+16''150$ $+0''224$ 26°4232

74.10. 3	3	$21^{\mathrm{h}}34^{\mathrm{m}}32^{\mathrm{s}}348$	26° 30′ $48''22$	-1^{s}
75. 9. 4	3	32.327	47.88	Z.C. α$32^{\mathrm{s}}34$
75.10. 2	2	32.321	48.09	
77.10. 3	3	32.346	50.15	

12772 9.5 2.6176 +0.0056 +16.157 +0.219 29°4477

76.10.21	2	21 34 41.287	29 51 25.80	
81.10.20	3	41.309	26.40	

12773 9.0 2.6936 +0.0045 +16.159 +0.226 25°4588

72. 9.12	3	21 34 44.633	25 33 13.21	Z.C.δ$13''7$
73. 9.22	3	44.512	14.70	
75.10.25	3	44.456	13.47	
76.10.10	3	44.555	13.63	
77. 9.28	3	44.390	13.05	

12774 8.9 2.6551 +0.0051 +16.164 +0.222 27°4131

72. 9. 6	3	21 34 49.977	27 47 47.18	
73. 9.23	2	49.827	45.80	
75.11. 4	3	49.696	46.83	
84.10.31	7	49.777	45.43	
86.10.29	5	49.579	47.02	

12775 9.5 2.6554 +0.0051 +16.164 +0.222 — —

73. 9.23	2	21 34 50.038	27 46 57.19	
75.11. 4	2	49.865	58.06	-1^{m} §
90.10.13	7	49.894	57.66	

12776 9.5 2.6635 +0.0050 +16.166 +0.223 27°4130

86.10. 5	5	21 34 52.130	27 19 10.40	†

12777 9.5 2.6741 +0.0048 +16.170 +0.224 26°4234

86.11. 1	5	21 34 56.266	26 43 18.03	†

Probably the B.D. star, but see note in appendix

12778 9.5 2.7019 +0.0044 +16.173 +0.226 25°4590

82.10.25	3	21 35 0.565	25 6 13.00	†

12779 9.3 2.6181 +0.0057 +16.176 +0.219 29°4479

76. 9.18	3	21 35 3.692	29 53 9.23	
80. 9.27	3	3.958	8.65	

12780 9.5 2.6399 +0.0053 +16.178 +0.221 28°4159

82.10. 3	3	21 35 6.240	28 41 18.13	
85.10. 1	7	6.181	17.75	
85.10. 3	5	6.720	18.26	

12781 7.6 2.6491 +0.0053 +16.182 +0.221 28°4161

73. 9.18	3	21 35 10.443	28 11 16.61	
74. 9.22	3	10.331	16.75	
74.11. 7	3	10.454	14.83	
76.10.11	3	10.146	15.03	

12782 9.1 2.7019 +0.0045 +16.188 +0.226 25°4591

81.10.31	3	21 35 17.381	25 8 19.34	
88.10.15	5	17.348	19.12	

12783 8.8 2.6616 +0.0051 +16.191 +0.222 27°4132

72. 9. 6	3	21 35 21.337	27 30 7.46	
72. 9.26	3	21.348	7.33	
72.10. 3	3	21.368	6.77	
75. 9. 7	3	21.255	6.82	
75.10. 5	3	21.237	6.14	
77. 9.24	3	21.559	5.18	

12784	$9^{\mathrm{m}}4$	$2^{\mathrm{s}}6734$	$+0^{\mathrm{s}}0049$	$+16''191$	$+0''223$	26°4236
87.10.21	7	$21^{\mathrm{h}}35^{\mathrm{m}}21^{\mathrm{s}}508$	26°49′ 10″40			
87.11. 2	5	21.446	10.25			
12785	9.2	2.6246	+0.0056	+16.194	+0.219	29°4480
72.10.28	3	21 35 25.578	29 34 57.30			
77. 9.19	3	25.465	56.45			
79. 9.29	3	25.448	56.63			
79.10. 7	3	25.494	56.42			
80.10.11	3	25.405	56.77			
12786	7.2	2.6845	+0.0047	+16.196	+0.224	26°4237
75. 9. 4	3	21 35 27.012	26 11 11.41			Z.C. δ 11″3
75. 9.17	2	26.958	11.40			
75.11. 8	3	27.201	10.33			
76.10.11	3	27.098	11.75			
77.10. 6	3	27.088	11.67			
77.10. 6	2	27.267	11.48			
12787	8.0	2.6394	+0.0054	+16.198	+0.220	28°4162
72.10.14	3	21 35 29.821	28 46 24.97			Z.C. δ 24″6
73. 9.11	3	29.716	25.24			
76.10.14	3	29.705	24.81			
77. 9.27	3	29.734	24.44			
77.10. 2	3	29.747	25.07			$+1^{\mathrm{m}}$
81.10.26	3	29.670	23.14			
12788	9.1	2.7022	+0.0045	+16.200	+0.225	25°4592
73.11. 1	2	21 35 32.071	25 9 2.09			
75.10.25	3	32.242	2.38			
77. 9.28	3	32.021	1.30			
81.10.31	3	32.170	1.83			
84. 9.25	5	32.147	2.22			
84. 9.29	5	31.990	2.24			
12789	7.7	2.6222	+0.0056	+16.200	+0.219	29°4481
73. 9.12	3	21 35 32.025	29 43 49.40			
73. 9.26	3	32.106	49.93			
79. 9.24	3	32.221	47.73			
79. 9.25	3	32.101	48.56			
79.10. 6	3	32.201	48.04			
79.10. 6	2	32.241	48.42			
79.10.16	3	32.292	47.80			
80. 9.28	3	32.127	48.68			
12790	9.0	2.6203	+0.0057	+16.203	+0.219	29°4482
74. 9.28	2	21 35 35.469	29 50 38.89			
76. 9.18	3	35.224	40.35			
76. 9.19	3	35.447	39.80			
79. 9.20	3	35.408	38.57			
79.11. 5	3	35.403	39.86			
79.11. 6	3	35.331	38.98			
79.11. 7	3	35.439	40.14			
79.11.14	3	35.492	38.69			
80. 9.28	2	35.376	39.48			
81.10.20	3	35.345	39.79			
12791	9.5	2.6643	+0.0051	+16.210	+0.222	27°4136
78.10.12	3	21 35 43.822	27 23 61.61			v.ft.
92. 9.24	4	43.453	58.59			
93. 9.14	7	43.337	60.17			
12792	9.0	2.6655	+0.0051	+16.211	+0.222	27°4133
72. 8.31	3	21 35 45.023	27 19 45.82			
73. 9.17	3	45.166	45.25			
75.11. 4	1	44.999	46.55			
76.10.16	3	45.257	45.70			
87.10.10	5	45.136	44.81			-10^{s}
12793	$9^{\mathrm{m}}5$	$2^{\mathrm{s}}6781$	$+0^{\mathrm{s}}0049$	$+16''214$	$+0''223$	26°4239
77. 9.26	3	$21^{\mathrm{h}}35^{\mathrm{m}}47^{\mathrm{s}}776$	26°36′ 36″37			Z.C. δ 36″8
77.10. 3	3	47.659	36.85			
78.10.11	3	47.862	37.12			
12794	9.3	2.6373	+0.0055	+16.215	+0.219	28°4163
85.10. 7	5	21 35 49.390	28 56 18.41			
88.10.20	5	49.362	18.20			
12795	9.3	2.6888	+0.0047	+16.216	+0.224	25°4593
72.10. 9	3	21 35 50.622	25 59 22.37			
73.10.30	3	50.521	22.62			
85. 9.22	7	50.346	22.63			
87.10.15	5	50.704	21.96			
12796	9.3	2.6294	+0.0056	+16.217	+0.219	29°4483
86.10.23	5	21 35 51.277	29 22 39.78			
87.10.14	5	52.021	37.94			
93.10.18	6	51.650	38.42			
12797	9.3	2.7022	+0.0045	+16.233	+0.225	25°4594
85.10.16	5	21 36 10.508	25 14 22.24			
88.10.19	5	10.700	21.22			
12798	9.5	2.6655	+0.0051	+16.238	+0.221	— —
73. 9.23	3	21 36 15.819	27 24 10.24			†
12799	9.3	2.6669	+0.0051	+16.245	+0.221	27°4137
86.11. 4	4	21 36 23.917	27 20 25.89			†
12800	9.5	2.6413	+0.0055	+16 250	+0.219	28°4164
81.10.26	3	21 36 29.772	28 48 46.95			
82.10.23	3	29.771	45.56			
12801	9.0	2.6907	+0.0048	+16.256	+0.223	25°4596
73.10.30	3	21 36 36.870	25 58 50.96			
75.10.11	3	36.678	50.09			
76.10.10	3	36.744	50.27			$+1^{\mathrm{s}}$
79. 9.20	2	36.721	49.44			
79.11. 5	2	36.870	51.69			
12802	9.5	2.6466	+0.0054	+16.258	+0.219	28°4165
81.10.19	3	21 36 39.044	28 32 20.20			
87.10.31	7	39.060	20.07			
12803	9.0	2.6602	+0.0053	+16.259	+0.220	27°4138
84.10. 4	5	21 36 40.294	27 45 55.51			
84.10.17	5	40.139	55.54			
84.10.22	5	40.388	55.99			
12804	8.9	2.6862	+0.0048	+16.259	+0.222	26°4242
76.10.13	3	21 36 40.711	26 15 18.42			
77.10. 3	3	40.760	19.24			
78.10.24	3	40.870	19.55			
12805	8.8	2.6587	+0.0053	+16.260	+0.220	27°4139
72. 8.31	3	21 36 41.889	27 51 3.49			
72. 9. 6	3	42.153	3.40			
73. 9.17	2	41.972	3.00			
12806	9.3	2.6283	+0.0057	+16.266	+0.217	— —
80. 9.27	3	21 36 49.133	29 35 3.25			†

12807 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.6541$ $+0^{\mathrm{s}}.0053$ $+16''.268$ $+0''.219$ 28°4166

77.10. 2	3	$21^{\mathrm{h}}36^{\mathrm{m}}50^{\mathrm{s}}.895$	28° 8′ 20″.69	Z.C. δ 20″.7
77.10.26	3	51.207	20.73	
93. 9.11	7	51.028	20.64	

12808 9.3 2.6974 +0.0047 +16.279 +0.223 25°4597

85.10. 3	5	21 37 4.043	25 38 43.50	
86.10.22	3	4.233	44.16	−1 int: w. 6
86.11. 1	5	3.864	42.50	[-1^{s}

12809 8.9 2.6822 +0.0050 +16.280 +0.221 26°4243

77. 9.26	3	21 37 5.391	26 32 43.82	
78.10.11	3	5.471	44.41	
84.10.24	5	5.427	44.26	

12810 9.4 2.6884 +0.0049 +16.281 +0.222 26°4244

86.10. 5	5	21 37 7.099	26 11 8.67	[10^{s}: +5′
91. 9.23	7	6.856	9.51	w.4 to 7 +

12811 9.1 2.6713 +0.0051 +16.289 +0.220 27°4141

86.10.29	5	21 37 16.128	27 12 47.76	
87.10.13	5	16.693	48.06	
88.10.15	5	16.499	47.61	C − 10″

12812 9.5 2.6296 +0.0058 +16.297 +0.216 29°4488

82.10.25	3	21 37 24.859	29 36 8.41	†

12813 7.7 2.7099 +0.0045 +16.301 +0.223 24°4455

83. 9.15	3	21 37 30.191	24 57 15.27	
84. 9.25	5	30.108	17.50	
84. 9.29	5	30.049	17.73	
84.10.14	5	30.100	16.30	

12814 9.5 2.6247 +0.0058 +16.305 +0.216 29°4489

82.10.23	3	21 37 34.184	29 53 51.66	†

12815 9.5 2.6984 +0.0048 +16.308 +0.222 25°4598

80.10.11	3	21 37 38.107	25 40 1.33	
80.10.30	3	38.182	0.04	

12816 9.0 2.7075 +0.0046 +16.317 +0.223 25°4599

73.11. 1	3	21 37 48.667	25 8 26.58	Z.C. δ 26″.1
75.10.25	3	48.739	25.81	
77. 9.28	3	48.819	25.94	

12817 8.3 2.7017 +0.0047 +16.317 +0.222 25°4600

78.10.25	2	21 37 49.025	25 29 18.97	
79. 9.24	3	49.198	18.07	
79. 9.29	3	49.129	17.65	
79.11. 7	3	48.980	19.29	
80. 9.27	3	48.986	18.73	
80. 9.28	3	49.160	18.70	
80.10.18	2	49.017	17.64	
84.10.23	7	49.074	17.69	
84.10.29	5	49.170	18.88	
84.10.31	5	48.958	18.58	
90.10.27	7	49.098	19.65	

12818 9.1 2.6676 +0.0052 +16.318 +0.219 27°4142

85.10. 7	5	21 37 50.353	27 30 21.79	
85.10.29	3	50.471	20.23	
85.11. 4	7	50.519	23.17	v. ft.
85.11.16	5	50.500	22.13	

12819 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.6946$ $+0^{\mathrm{s}}.0048$ $+16''.319$ $+0''.221$ 25°4602

79.10.16	2	$21^{\mathrm{h}}37^{\mathrm{m}}50^{\mathrm{s}}.815$	25° 55′ 18″.65	
80.10.11	2	50.517	19.95	
82.10. 4	3	50.512	19.39	
83:10. 6	3	50.631	21.04	

12820 9.1 2.6977 +0.0048 +16.319 +0.222 25°4601

79.10. 2	3	21 37 51.478	25 44 4.15	
79.10. 7	3	51.402	3.94	
79.10. 7	3	51.622	4.07	
79.11. 6	3	51.296	4.39	+ 1′
80.11. 4	3	51.423	4.40	

12821 9.1 2.7023 +0.0047 +16.321 +0.222 — —

78.10.25	2	21 37 54.094	25 27 39.20	
90.10.18	6	54.089	41.53	s.f. of 2

12822 9.0 2.7034 +0.0047 +16.323 +0.222 25°4603

80.10.14	3	21 37 55.727	25 24 9.23	Z.C. δ 8″.7
80.10.18	2	55.708	7.59	
84.11. 3	6	55.694	9.36	

12823 8.9 2.6804 +0.0050 +16.323 +0.220 26°4249

77.10. 3	3	21 37 56.534	26 46 25.26	
79. 9.24	1	56.543	22.89	
79. 9.25	3	56.391	23.09	
79.11. 7	2	56.566	23.41	§
80.11. 4	2	56.621	23.09	

12824 9.3 2.6939 +0.0049 +16.328 +0.221 25°4604

82.10.25	3	21 38 1.447	25 59 12.59	− 10′
87.10.14	4	1.596	12.21	Z.C. α $1^{\mathrm{s}}.64$
87.10.15	5	1.866	11.79	

12825 9.0 2.6991 +0.0048 +16.330 +0.221 25°4605

79.11. 5	3	21 38 4.242	25 40 50.46	
79.11. 6	2	4.108	51.22	
83. 9.26	3	4.314	51.82	

12826 8.7 2.6449 +0.0056 +16.333 +0.217 28°4167

77.10. 2	3	21 38 7.969	28 50 45.05	Z.C. δ 45″.5
82.10. 4	3	7.906	45.42	
83. 9.17	3	7.771	46.10	
83.11. 9	4	8.093	45.73	
90.10.13	7	7.913	45.19	

12827 9.0 2.7106 +0.0046 +16.334 +0.222 24°4458

83.11. 8	4	21 38 8.431	24 59 35.61	w. 2.3.4 − 1^{s}
84.10.16	5	8.498	37.13	

12828 8.5 2.6707 +0.0052 +16.340 +0.219 27°4144

75.11. 4	3	21 38 15.865	27 23 10.47	
78.10.12	2	15.848	10.57	
78.10.24	3	15.790	10.82	

12829 8.1 2.6727 +0.0052 +16.342 +0.219 27°4145

83. 9. 4	3	21 38 18.846	27 16 28.99	Z.C. δ 29″.2
83. 9.18	3	18.975	29.42	
83.11.12	3	19.124	29.21	

12830 9.4 2.6925 +0.0049 +16.343 +0.221 26°4250

87.10.21	7	21 38 19.939	26 6 40.66	
88.10.19	5	19.598	41.75	

12831 $9^m.3$ $2^s.7082$ $+0^s.0047$ $+16''.346$ $+0''.222$ 25°4606
87.10.19 5 $21^h 38^m 23^s.809$ 25° 10′ 31″.96
87.10.31 5 23.400 32.91

12832 9.2 2.6806 +0.0051 +16.347 +0.219 26°4251
86.11. 4 5 21 38 23.783 26 49 20.75
88.10.20 5 23.733 20.72

12833 9.5 2.6903 +0.0049 +16.350 +0.220 26°4252
81.10.26 3 21 38 28.193 26 15 40.67 †

12834 8.2 2.6957 +0.0049 +16.352 +0.221 25°4607
83. 9. 4 2 21 38 30.230 25 56 40.92 Z.C. δ 41″.2
83. 9.20 3 30.169 41.58

12835 4.5 2.6577 +0.0055 +16.355 +0.217 28°4169
78.10.12 2 21 38 33.335 28 10 41.34 c.d.
83. 9.25 3 33.212 41.27 § c.d.m.
84.10.17 5 33.340 40.86 c.d.n.p.
84.10.22 5 33.467 40.90 n.p.

12836 8.3 2.6870 +0.0050 +16.360 +0.220 26°4253
77. 9.26 3 21 38 39.559 26 29 0.16
77.10. 3 3 39.641 1.33
78.10.11 3 39.582 1.35
80. 9.28 3 39.674 1.00

12837 7.8 2.6999 +0.0048 +16.365 +0.221 25°4608
83. 9.12 3 21 38 45.042 25 43 23.42 Z.C. δ 24″.2
83. 9.17 4 45.019 25.46
84.10. 4 7 45.147 23.72

12838 9.4 2.6633 +0.0054 +16.365 +0.217 27°4146
82.10. 3 3 21 38 45.717 27 53 17.98 †

12839 7.7 2.6578 +0.0055 +16.366 +0.217 28°4171
77.10. 2 3 21 38 46.377 28 12 36.87
92. 9.24 7 46.419 34.40

12840 9.4 2.7057 +0.0048 +16.368 +0.221 25°4609
81.10. 3 3 21 38 49.532 25 23 2.63 Z.C. δ 1″.3
83.10.18 3 49.363 0.28
83.10.20 4 49.476 1.09

12841 9.5 2.6619 +0.0055 +16.369 +0.217 27°4147
78.10.24 2 21 38 49.832 27 58 48.17
80.10.14 3 49.726 48.29
92.10. 5 3 49.989 47.51
92.10. 7 3 49.836 49.24 v.ft. – 5′

12842 7.3 2.6496 +0.0056 +16.370 +0.216 28°4173
85.10.16 5 21 38 52.064 28 41 41.56
86.10.23 5 51.937 42.62

12843 9.2 2.6768 +0.0052 +16.371 +0.218 27°4148
83. 9.15 3 21 38 53.088 27 7 7.92 Z.C. δ 8″.3
83.10.29 7 52.896 7.98
87.10.13 5 53.217 9.06

12844 7.4 2.6510 +0.0056 +16.374 +0.216 28°4174
85.10. 3 5 21 38 56.685 28 37 15.46
86.10.22 4 56.571 16.71
86.11. 1 5 56.532 15.33

12845 $9^m.5$ $2^s.7012$ $+0^s.0048$ $+16''.375$ $+0''.220$ 25°4610
82.10.23 3 $21^h 38^m 57^s.732$ 25° 40′ 47″.29 †

12846 8.2 2.6313 +0.0059 +16.376 +0.215 29°4496
84. 9.25 4 21 38 57.439 29 44 25.57 Z.C. α $57^s.40$
84. 9.29 3 57.360 25.00

12847 Fundamental Star 24°4463

12848 9.4 2.6813 +0.0052 +16.383 +0.218 26°4254
86.10. 5 5 21 39 6.552 26 53 5.23 †

12848ª 9.1 2.6593 +0.0055 +16.386 +0.217 — —
86.10.29 5 21 39 10.064 28 10 49.03 †

12849 9.3 2.6758 +0.0053 +16.389 +0.218 27°4149
87.10.10 5 21 39 14.791 27 13 46.33
88.10.15 5 14.567 47.00

12850 Not found on revision: an error in reduction: see 12848ª and also appendix 12850ª.

12851 9.0 2.6938 +0.0050 +16.402 +0.219 26°4255
78.10.11 3 21 39 29.370 26 11 29.85 Z.C. δ 29″.8
79.11. 7 2 29.135 30.07
83. 9.26 3 29.067 29.47
83.11. 8 4 29.275 29.46 –5′
83.11. 9 2 29.165 30.25

12852 9.1 2.6461 +0.0057 +16.403 +0.215 28°4177
87.10.24 5 21 39 30.362 28 59 15.91 †

12853 8.8 2.6658 +0.0055 +16.405 +0.217 27°4151
75.11. 4 3 21 39 33.520 27 51 34.31
80.11. 4 3 33.457 32.11
82.10. 4 3 33.510 34.10
84.10.24 5 33.513 34.12

12854 8.7 2.6313 +0.0060 +16.407 +0.214 29°4499
83. 9.18 3 21 39 35.484 29 50 4.72 Z.C. δ 5″.4
83.10. 6 1 35.662 6.81
83. 9.25 4 35.563 4.75 -5^s

12855 9.0 2.7077 +0.0048 +16.408 +0.220 25°4611
78.10.25 3 21 39 36.680 25 22 40.49 Z.C. δ 40″.6
83. 9.20 3 36.603 40.11
83.10. 6 3 36.856 41.97
84.10.31 5 36.567 39.96

12856 8.0 2.6521 +0.0057 +16.409 +0.215 28°4178
80. 9.28 3 21 39 38.416 28 39 50.58 Z.C. δ 51″.9
83. 9.24 3 38.307 52.32
83.10.22 4 38.492 52.74

12857 8.3 2.6844 +0.0052 +16.413 +0.218 26°4256
77. 9.26 3 21 39 42.104 26 47 13.80
79. 9.25 3 42.012 12.01

12858 9.0 2.6756 +0.0053 +16.413 +0.217 27°4152
80.10.18 3 21 39 41.985 27 18 18.26 Z.C. δ 18″.6
83. 9.24 2 42.163 19.51
83.11.12 5 42.314 18.37
84.11. 3 5 42.297 18.10

12859	$7^{m}.5$	$2^{s}.6905$	$+0^{s}.0051$	$+16''.414$	$+0''.218$	26°4257
79. 9.24	3	$21^{h}39^{m}44^{s}.517$		$26°\,25'\,28''.36$		Z.C. δ 28.2
83. 9.12	4	44.296		27.34		
83. 9.15	2	44.372		27.39		
87.10.14	4	44.436		29.70		
12860	9.4	2.6667	+0.0055	+16.420	+0.216	27°4153
80.10.11	3	21 39 51.014		27 50 55.03		Z.C. $\delta\,55''.5$
83.10.18	2	50.967		56.62		
83.10.20	3	50.960		55.50		
90.10.18	5	50.812		54.98		-1^{s}
12861	9.3	2.6735	+0.0054	+16.432	+0.216	27°4154
82.10.25	3	21 40 5.339		27 29 28.92		†
12862	8.7	2.6621	+0.0056	+16.432	+0.216	28°4180
77.10. 2	3	21 40 5.671		28 9 18.20		Z.C. $\delta\,17''.7$
80. 9.27	3	5.718		17.59		
80.10. 1	3	5.670		17.17		
12863	9.1	2.6909	+0.0051	+16.435	+0.218	26°4260
87.10.15	7	21 40 8.851		26 27 43.51		†
12864	8.2	2.6599	+0.0056	+16.437	+0.215	28°4181
79. 9.25	3	21 40 11.742		28 17 46.97		Z.C. $\alpha\,11^{s}.80$
79. 9.29	3	11.837		45.45		
80.11. 1	2	11.933		47.10		$+5'$
82.10. 3	3	11.698		47.26		
12865	8.5	2.7033	+0.0049	+16.440	+0.219	25°4614
72.10. 9	3	21 40 15.540		25 43 45.54		Z.C. $\delta\,45''.7$
73.11. 1	1	15.379		45.44		-10^{s}
77. 9.28	2	15.255		46.00		
12866	8.3	2.6643	+0.0055	+16.441	+0.216	27°4156
73. 9.23	1	21 40 15.694		28 2 52.15		
75.11. 4	3	15.584		52.32		
78.10.24	2	15.558		52.44		
87.10.10	1	15.775		51.93		
12867	7.0	2.7152	+0.0047	+16.441	+0.220	24°4471
79. 9.20	3	21 40 16.744		25 0 28.30		Z.C. $\delta\,28''.7$
79. 9.24	1	16.494		28.50		
79.10. 7	3	16.616		28.63		
83. 9.19	2	16.848		29.12		
84.10.14	7	16.635		29.07		
85.10.29	5	16.640		28.60		
12868	9.1	2.6551	+0.0057	+16.441	+0.215	28°4182
74.11. 7	1	21 40 16.689		28 35 11.52		Z.C. $\delta\,12''.2$
77.10.26	1	16.650		13.37		
84.10.29	7	16.654		11.72		
12869	9.0	2.6429	+0.0059	+16.443	+0.213	29°4505
79.11. 6	3	21 40 19.048		29 17 26.57		
80.10. 2	1	18.996		25.32		
80.10.14	3	19.025		26.14		
86.11. 4	5	19.005		26.62		
88.10.19	5	19.037		26.28		
92.10. 1	7	19.008		26.65		
92.10. 5	6	19.154		25.45		

12870	$9^{m}.4$	$2^{s}.6697$	$+0^{s}.0055$	$+16''.455$	$+0''.216$	27°4157
81.10.26	3	$21^{h}40^{m}33^{s}.116$		$27°\,46'\,45''.14$		Z.C. $\alpha\,33^{s}.20$
84.10. 4	3	33.132		45.94		
84.10.22	7	33.244		45.96		-1°
84.10.23	7	33.297		45.72		
12871	9.2	2.6915	+0.0051	+16.456	+0.217	26°4262
87.10.31	7	21 40 33.997		26 29 9.63		Z.C. Ep. $89''.3$
90.10.13	7	33.705		10.28		
12872	9.4	2.6514	+0.0058	+16.458	+0.214	28°4183
87.11. 2	7	21 40 36.714		28 50 51.47		
88.10.20	5	36.287		51.64		
12873	8.0	2.7102	+0.0048	+16.459	+0.219	25°4616
73.10.30	1	21 40 37.992		25 21 31.32		Z.C. $\delta\,32''.1$
79.10.21	3	37.793		31.93		
80.10.11	2	37.772		32.79		
83. 9.20	3	37.844		32.19		
12874	9.3	2.6357	+0.0060	+16.460	+0.213	29°4506
87.10.13	5	21 40 38.571		29 44 59.22		†
12875	6.8	2.7165	+0.0048	+16.463	+0.219	24°4473
74.11. 9	2	21 40 42.499		24 59 6.68		
78.10.25	2	42.467		8.66		
79. 9.20	3	42.577		7.49		
79.11. 5	3	42.534		7.66		
83. 9.18	3	42.554		7.66		
84.10.16	7	42.704		8.21		v. c. d.
85.10. 7	5	42.603		7.98		
87.10.21	7	42.772		7.91		
12876	8.5	2.6801	+0.0054	+16.473	+0.216	27°4160
72. 8.31	3	21 40 54.487		27 13 0.94		Z.C. $\delta\,0''.9$
72. 9.26	3	54.317		0.66		
76.10.16	3	54.476		0.51		
83. 9.12	2	54.203		0.37		
83. 9.17	3	54.298		1.76		$+5'$
83. 9.26	3	54.484		1.16		
12877	8.2	2.6975	+0.0051	+16.473	+0.217	26°4265
77. 9.26	1	21 40 54.474		26 10 36.88		Z.C. $\delta\,36''.8$
79.11. 5	3	54.849		37.21		
80. 9.28	2	54.719		37.57		
80.10. 1	3	54.713		35.42		
12878	9.0	2.6879	+0.0052	+16.474	+0.216	26°4264
76.10.13	3	21 40 55.893		26 45 20.61		
76.10.17	1	55.857		20.97		-1^{s}
77. 9.26	3	55.881		21.19		
12879	9.4	2.6605	+0.0057	+16.474	+0.214	28°4185
72.10.14	3	21 40 56.327		28 22 32.45		Z.C. $\delta\,32''.9$
76.10.14	3	56.163		32.97		
77. 9.27	3	56.187		33.19		
12880	9.0	2.6695	+0.0056	+16.482	+0.215	27°4161
72. 9. 6	1	21 41 4.884		27 52 11.19		
73. 9.17	3	4.806		11.95		
77. 9.24	3	5.022		10.87		

12881 9^{m}3 2^{s}6763 +0^{s}0055 +16$''$484 +0$''$215 27°4162

81.10.31	2	21^{h}41^{m} 8^{s}206	27° 28′ 19″92	
85.10.16	5	7.970	20.63	
86.10. 5	5	8.138	19.90	
86 11. 1	5	8.168	19.88	

12882 8.8 2.6890 +0.0052 +16.488 +0.216 26°4267

77.10. 6	3	21 41 12.406	26 43 31.60	
78.10.11	3	12.456	32.55	
79.10. 6	3	12.266	31.12	
79.10.21	3	12.446	31.47	
79.11.13	2	12.454	30.59	− 10^{s}
80.10 18	3	12.385	30.06	− 1′
80.11. 1	1	12.486	30.23	

12883 8.4 2.6901 +0.0052 +16.488 +0.216 26°4266

75. 9.17	3	21 41 12.411	26 39 40.16	
75.11. 8	1	12.506	40.19	
77.10. 3	3	12.486	40.85	

12884 9.3 2.6640 +0.0057 +16.495 +0.214 28°4188

84. 9.25	5	21 41 20.681	28 13 55.79	
84. 9.29	6	20.511	54.22	

12885 8.4 2.6416 +0.0060 +16.495 +0.212 29°4508

72.10.28	3	21 41 21.457	29 31 28.04	
73. 9.26	3	21.318	29.47	
76. 9.18	3	21.356	28.54	
76. 9.19	3	21.219	29.60	
77.10. 4	3	21.384	27.30	

12886 8.6 2.6837 +0.0054 +16.496 +0.216 26°4268

72. 9.18	3	21 41 22.058	27 4 19.18	
79.10. 7	3	21.973	19.12	
80.10.30	3	21.972	19.85	
80.11. 4	3	22.069	20.64	

12887 9.2 2.6519 +0.0059 +16.500 +0.213 28°4190

81.10.27	3	21 41 26.716	28 57 1.90	
88.10.15	5	26.756	1.03	

12888 8.9 2.6310 +0.0062 +16.500 +0.211 30°4523

73. 9.12	3	21 41 27.145	30 8 39.25	
75.10.13	3	27.127	39.19	
76.10.21	3	27.188	39.37	
77.11.17	3	27.212	39.74	

12889 9.0 2.7057 +0.0050 +16.502 +0.217 25°4617

72.10. 9	3	21 41 29.090	25 45 13.78	Z.C. δ 13″4
75.10.25	3	29.133	12.84	
77. 9.28	2	28.879	13.57	

12890 9.5 2.6523 +0.0059 +16.502 +0.213 — —

81.10.26	3	21 41 29.935	28 56 8.40	†

12891 9.5 2.7154 +0.0048 +16.511 +0.218 25°4618

73.11. 1	1	21 41 40.867	25 11 19.73	Z.C. α 40^{s}84
74.10. 7	2	40.723	18.44	
79.11.12	3	40.916	19.88	
79.11.14	3	40.851	18.33	−30′

12892 8^{m}4 2^{s}6771 +0^{s}0055 +16$''$514 +0$''$214 27°4163

72. 9.26	2	21^{h}41^{m}44^{s}296	27° 30′ 49″74	
72.10. 3	3	44.311	50.13	
75. 9. 7	3	44.276	50.26	
78.10.12	3	44.163	49.48	
86.10.22	5	44.146	51.11	

12893 9.1 2.6452 +0.0060 +16.516 +0.212 29°4511

86.10.23	6	21 41 46.196	29 23 9.99	†

12894 8.6 2.6668 +0.0057 +16.518 +0.214 28°4191

73. 9.11	3	21 41 48.800	28 8 10.42	
75. 9.25	3	48.744	11.26	
77.10. 2	2	48.749	11.05	
77.10.16	3	48.704	10.50	

12895 9.5 2.6636 +0.0057 +16.520 +0.213 28°4192

74.10. 2	3	21 41 51.146	28 20 12.73	d.l.n.p.
77. 9.27	2	51.145	12.29	Z.C. δ 12″5
79. 9.24	2	51.227	12.40	
80.10.14	3	51.705	13.42	§ ex. ft.

12896 8.4 2 6693 +0.0057 +16.521 +0.213 27°4164

73 9.23	2	21 41 52.007	27 59 45.43	Z.C. δ 45″8
75. 9. 7	1	52.231	45.32	Z.C. Ep. 77.6
77. 9.24	3	52.129	45.22	
78.10.12	3	52.244	46.60	
78.10.24	3	52.186	46.20	
80. 9.28	2	52.213	45.90	

12897 9.0 2.6751 +0.0056 +16.532 +0.214 27°4165

73. 9.17	3	21 42 6.043	27 41 7.09	
75.11. 4	3	5.962	6.58	
80.10.18	3	5.876	5.11	

12898 8.4 2.6624 +0.0058 +16.534 +0.212 28°4193

72.10.14	3	21 42 7.818	28 26 29.29	
74.11. 7	3	7.840	29.76	
76.10.14	2	7.806	30.29	−1 int.

12899 8.6 2.6550 +0.0059 +16.534 +0.212 28°4194

74.10. 2	2	21 42 8.612	28 52 53.64	Z.C. δ 52″8
77.10.16	2	8.593	52.90	
77.10.26	1	8.722	51.85	

12900 9.5 2.6334 +0.0063 +16.538 +0.211 30°4528

74. 9.28	3	21 42 12.532	30 7 25.58	
85.10. 7	5	12.671	26.25	
85.10.29	5	12.640	25.56	

12901 9.5 2.6311 +0.0063 +16.538 +0.211 30°4526

72.10.28	3	21 42 12.996	30 15 31.34	Z.C. δ 31″0
76. 9.18	2	13.142	31.31	
76.10.21	2	13.001	30.02	
77.10 4	3	12.920	31.52	

12902 8.1 2.6507 +0.0060 +16.542 +0.212 29°4512

73. 9.26	3	21 42 17.669	29 8 51.22	Z.C. δ 51″2
77. 9 19	3	17.634	51.73	+ 1^{m} + 5′
77. 9.21	3	17.749	51.40	
82.10.18	3	17.678	50.47	

12903 8.4 2.6694 +0.0057 +16.546 +0.213 27°4166

84.10.24	7	21 42 22.523	28 4 4.53	
92.10. 5	7	22.558	3.50	

12904 8^m.1 2^s.6666 +0^s.0057 +16''.547 +0''.212 28°4195

73. 9.11	3	$21^h42^m24^s.328$	28° 14' 7''.53	
75. 9.25	3	24.253	8.43	$+1^m$
78.11. 2	3	24.185	7.86	−1°
79. 9.29	3	24.230	6.36	
79.10. 6	3	24.026	7.34	
79.11. 5	3	24.106	7.45	
79.11. 6	3	24.113	8.30	
79.11. 7	3	24.320	8.88	
79.11.13	2	24.083	9.30	
79.11.14	3	24.313	7.04	
80.11. 4	3	24.026	7.59	

12905 9.5 2.7081 +0.0051 +16.548 +0.216 25°4619

87.10.14	3	21 42 25.126	25 44 15.29	
88.10.19	5	24.793	17.33	

12906 9.5 2.6751 +0.0056 +16.550 +0.213 27°4167

72.10. 3	3	21 42 27.333	27 44 26.56	
76.10.16	2	27.348	25.36	

12907 8.9 2.6581 +0.0059 +16.551 +0.212 28°4196

74.10.12	3	21 42 28.631	28 44 55.53	
79.10.21	2	28.679	56.02	
79.11.12	3	28.587	54.80	
80.11. 1	1	28.767	55.35	
80.11. 8	3	28.843	54.96	
81.10.11	3	28.681	55.01	
82.10. 3	3	28.581	57.15	

12908 8.9 2.6665 +0.0058 +16.554 +0.212 28°4197

78.11. 2	3	21 42 32.489	28 15 53.67	
79.11. 6	3	32.595	52.65	

12909 9.5 2.6871 +0.0055 +16.556 +0.214 26°4271

72. 9.18	3	21 42 35.114	27 2 39.71	†

12910 9.5 2.6756 +0.0056 +16.559 +0.213 — —

72. 8.31	3	21 42 38.529	27 44 41.52	†

12911 9.3 2.6383 +0.0063 +16.566 +0.210 29°4514

87.10.13	5	21 42 46.692	29 56 21.40	
88.10.20	5	46.266	20.97	

12912 9.3 2.6416 +0.0062 +16.570 +0.210 29°4515

82.10.23	3	21 42 52.233	29 45 43.28	
82.10.25	3	52.267	42.90	
86.11. 1	5	52.340	45.23	
87.10.21	4	52.694	43.24	§

12913 9.5 2.6724 +0.0057 +16.572 +0.212 27°4169

73. 9.23	2	21 42 54.868	27 58 37.38	†

12914 9.0 2.6475 +0.0061 +16.573 +0.210 29°4516

73. 9.26	3	21 42 55.872	29 26 3.90	
75 10.13	3	55.792	4.37	ex. ft.
76. 9.18	2	55.961	3.92	
77.11.17	3	55.909	3.27	

12915 8.5 2.6699 +0.0057 +16.575 +0.212 28°4200

72.10.14	3	21 42 58.323	28 8 5.10	
77.10. 2	3	58.287	6.86	

12916 9^m.5 2^s.6889 +0^s.0055 +16''.577 +0''.214 — —

81.10.26	3	$21^h43^m\,0^s.695$	27° 0' 6''.69	†

12917 Not found on revision: original reduction 10^s wrong: see 12918^a

12918 9.0 2.6458 +0.0062 +16.579 +0.210 29°4518

74. 9.26	2	21 43 2.840	29 32 54.91	
74. 9 28	3	2.725	55.01	
77.11.17	1	3.157	53.43	§
80.10.30	3	2.859	54.39	

12918^a 9.5 2.6418 +0.0062 +16.586 +0.209 — —

86.10. 5	7	21 43 12.058	29 48 20.15	†

12919 9.0 2.6878 +0.0055 +16.588 +0.213 26°4274

72. 8.29	3	21 43 13.744	27 5 57.59	
74.10. 3	3	13.571	57.95	
76.10.17	3	13 870	56.71	
77. 9.26	3	13.867	57.73	

12920 7.7 2.7199 +0.0050 +16.589 +0.216 25°4621

72.10. 9	3	21 43 14.668	25 7 45.64	
73.10.30	3	14.730	45.90	
74.11. 9	3	14.687	44.20	
75.10.25	3	14.704	44.16	
77. 9.28	3	14.747	43.04	
84. 9.25	5	14.777	44.94	
84. 9.29	5	14.733	46.01	
84.10. 4	7	14.749	44.67	

12921 9.1 2.6523 +0.0061 +16.590 +0.210 29°4519

85.10.16	5	21 43 16.865	29 12 30.72	
90.10.18	7	16.884	31.46	
90.10.27	7	16.850	30.45	
90.11. 1	7	16.934	29.79	

12922 9.0 2.7074 +0.0052 +16.597 +0.215 25°4622

73.11. 1	3	21 43 24.280	25 55 32.70	
74.10. 7	3	24.255	33.24	
75.10.11	3	24.262	33.76	

12923 9.3 2.7245 +0.0049 +16.608 +0.216 24°4480

87.10.10	5	21 43 38.074	24 53 33.93	
88.10.15	5	38.023	34.57	

12924 8.8 2.7165 +0.0050 +16.608 +0.215 25°4623

76.10.10	3	21 43 38.675	25 23 35.69	
92. 9.28	7	38.593	35.98	
92.10. 1	7	38.623	35.88	

12925 9.2 2 6546 +0.0061 +16.610 +0.210 29°4520

82.10. 3	3	21 43 40.653	29 8 27.21	
87.10.19	7	41.053	25.58	

12926 9.2 2.7193 +0.0050 +16.613 +0.215 25°4624

92. 9.24	7	21 43 43.877	25 14 6.37	†

12927 9.0 2.6555 +0.0061 +16.616 +0.210 29°4521

72.10.28	3	21 43 47.767	29 6 23.65	
73. 9.12	3	47.674	22.21	
76. 9.19	3	47.905	22.94	

12928 $9^{\mathrm{m}}.3$ $2^{\mathrm{s}}.6813$ $+0^{\mathrm{s}}.0057$ $+16''.619$ $+0''.212$ $27^\circ 4174$

82.10.23	3	$21^{\mathrm{h}}43^{\mathrm{m}}51^{\mathrm{s}}.237$	$27^\circ 35' 13''.52$	†

12929 9.0 2.6373 +0.0063 +16.621 +0.208 $30^\circ 4537$

93. 8.25	7	21 43 53.730	30 10 20.13	
93. 9. 5	7	53.717	20.13	

12930 9.2 2.6372 +0.0063 +16.621 +0.208 $30^\circ 4538$

93. 9. 7	7	21 43 54.081	30 10 37.30	
93. 9.11	7	53.965	36.44	

12931 9.1 2.6661 +0.0059 +16.622 +0.211 $28^\circ 4202$

87.11. 2	7	21 43 55.916	28 29 59.73	
91. 9.23	7	55.744	58.16	

12932 9.5 2.6510 +0.0062 +16.626 +0.209 $29^\circ 4523$

73. 9.26	3	21 44 0.544	29 24 6.00	Z.C. $\delta 4''.8$
77. 9.19	3	0.460	4.53	ft.
79.11. 5	3	0.688	3.96	
79.11. 7	3	0.752	3.95	
80.10. 2	3	0.803	5.65	v. ft.

12933 8.6 2.6679 +0.0059 +16.627 +0.211 $28^\circ 4203$

73. 9.18	3	21 44 1.898	28 24 41.01	
74.10. 2	3	1.951	40.93	
74.11. 7	3	2.001	40.56	
75. 9.25	3	1.988	40.92	

12934 8.9 2.6491 +0.0062 +16.630 +0.209 $29^\circ 4524$

74. 9.28	3	21 44 5.612	29 31 39.32	
76.10.21	3	5.773	39.83	
79. 9.29	3	5.745	38.30	
79.10. 6	3	5.832	40.10	-1^{s}
80.10.11	3	5.642	40.34	
80.10.30	3	5.693	39.51	

12935 9.0 2.6876 +0.0056 +16.634 +0.212 $27^\circ 4177$

72. 8.31	2	21 44 9.974	27 15 6.03	
72. 9. 6	3	9.652	5.31	
72.10. 3	3	9.649	6.75	
75. 9. 7	3	9.577	5.64	
75.10. 5	3	9.624	5.28	
75.11. 4	3	9.537	5.69	
76 10.16	3	9.819	3.66	
77. 9.24	3	9.681	4.75	

12936 8.9 2.6738 +0.0058 +16.638 +0.211 $28^\circ 4204$

72.10.14	3	21 44 14.896	28 5 19.04	
74.10.12	3	14.718	19.09	
76.10.14	3	14.644	19.45	
77. 9.27	3	14.699	19.63	
81.10.31	3	14.793	19.29	

12937 5.3 2.6486 +0.0062 +16.641 +0.208 $29^\circ 4525$

79. 9.20	3	21 44 18.930	29 35 32.42	
79. 9.24	3	19.051	33.09	
79.10. 7	3	18.981	33.35	
79.10. 7	3	18.881	33.25	
79.10.21	2	18.972	33.00	
80.10.18	3	18.770	31.95	

12938 $8^{\mathrm{m}}.9$ $2^{\mathrm{s}}.7178$ $+0^{\mathrm{s}}.0051$ $+16''.641$ $+0''.214$ $25^\circ 4626$

72 10. 9	3	$21^{\mathrm{h}}44^{\mathrm{m}}19^{\mathrm{s}}.298$	$25^\circ 24' 36''.71$	
73.10.30	3	19.323	36.88	
73.11. 1	3	19.362	36.94	
74.10. 7	3	19.315	37.70	clds.
74.11. 9	3	19.283	36.42	
75.10.11	3	19.208	36.61	

12939 8.2 2.6559 +0.0061 +16.650 +0.209 $29^\circ 4526$

72.10.28	2	21 44 29.994	29 11 31.65	
75.10.13	3	29.835	31.47	
76. 9.18	2	29.949	30.23	ft.
80.11. 4	3	29.730	29.88	
80.11. 8	3	30.061	30.14	

12940 7.5 2.7246 +0.0050 +16.651 +0.214 $24^\circ 4483$

76.10.10	1	21 44 31.423	25 0 48.65	
78.10. 8	3	31.273	49.43	
79.11.12	3	31.328	48.56	
79.11 13	3	31.239	48.53	
79.11.14	3	31.435	47.75	
81.10.11	3	31.391	48.57	

12941 8.4 2.7199 +0.0051 +16.652 +0.214 $25^\circ 4627$

75. 9.30	3	21 44 32.112	25 18 40.31	Z.C. $\delta 40''.0$
75.10.25	3	32.334	39.69	
77. 9.28	3	32.299	40.03	

12942 9.2 2.6462 +0.0063 +16.657 +0.208 $29^\circ 4527$

81.10.26	3	21 44 38.469	29 46 58.53	
92.10. 7	7	38.605	59.74	

12943 9.3 2.6880 +0.0057 +16.660 +0.211 $27^\circ 4178$

87.10.14	5	21 44 42.199	27 18 31.03	†

12944 9.5 2.6764 +0.0059 +16.665 +0.210 $27^\circ 4179$

86.11. 1	5	21 44 48.187	28 1 19.18	†

12945 9.5 2.6948 +0.0056 +16.669 +0.211 $26^\circ 4280$

82.10.23	3	21 44 53.349	26 55 22.90	†

12946 9.5 2.6723 +0.0060 +16.670 +0.210 $28^\circ 4208$

73. 9.11	3	21 44 54.683	28 17 14.62	
73. 9.18	3	54.823	15.11	
75. 9.25	3	54.552	15.58	

12947 8.0 2.6743 +0.0059 +16.676 +0.210 $28^\circ 4209$

74.11. 7	3	21 45 1.925	28 11 1.31	Z.C. $\delta 2''.3$
77.10. 2	3	1.818	2.33	
77.10.16	3	2.131	3.26	

12948 9.3 2.6454 +0.0064 +16.685 +0.207 $29^\circ 4528$

87.10.13	5	21 45 12.538	29 54 58.49	†

12949 9.0 2.6417 +0.0065 +16.688 +0.207 $30^\circ 4543$

73. 9.12	3	21 45 16.245	30 8 24.99	
79.10. 6	2	16.471	24.44	
79.11. 7	3	16.352	23.95	
79.11.14	3	16.334	23.40	
80. 9.28	3	16.637	24.82	
80.10.11	2	16.207	26.11	clds.

12950 $9^{m}2$ $2^{s}6423$ +$0^{s}0065$ +16″691 +0″207 30°4544

73. 9.12	3	$21^{h}45^{m}20^{s}895$	30° 6′ 57″17	
79.11. 7	3	20.761	57.99	
80.10.11	3	20.663	58.91	
82.10.25	1	20.764	57.51	
85.10.16	5	20.811	59.34	

12951 8.9 2.6687 +0.0060 +16.696 +0.208 28°4210

74.10.12	2	21 45 26.062	28 35 7.35	
78.10.12	3	26.228	9.09	
79.10.21	2	26.211	8.20	
79.11. 6	3	26.285	7.87	
80.10.18	3	26.083	7.39	

12952 9.4 2.6794 +0.0059 +16.696 +0.209 27°4181

87.10.10	4	21 45 26.245	27 56 30.79	†

12953 9.2 2.6508 +0.0064 +16.702 +0.207 29°4530

81.10.26	3	21 45 34.110	29 39 59.97	
88.10.15	4	34.000	60.88	

12954 9.1 2.6597 +0.0062 +16.708 +0.207 29°4531

79. 9.24	3	21 45 41.556	29 9 28.01	
79.11. 5	3	41.582	27.38	
82.10. 3	3	41.555	28.32	

12955 8.2 2.7097 +0.0054 +16.719 +0.211 26°4283

72. 9.18	2	21 45 55.679	26 9 11.65	Z.C.δ 11″5
75. 9.17	3	55.537	12.02	
75.10. 2	3	55.730	11.09	
75.11. 8	3	55.687	11.06	
77. 9.26	3	55.602	11.66	
77.10. 3	3	55.758	10.99	
77.10. 6	3	55.394	12.05	

12956 8.9 2.6747 +0.0060 +16.731 +0.208 28°4212

75. 9.25	3	21 46 9.569	28 20 30.01	
77.10. 2	3	9.412	29.43	
79.10. 6	3	9.714	29.82	
80. 9.28	3	9.635	31.40	

12957 8.7 2.6463 +0.0065 +16.736 +0.206 29°4533

79.10. 7	3	21 46 16.783	30 2 34.72	
80.10.18	2	16.609	34.19	

12958 8.8 2.7300 +0.0051 +16.741 +0.212 24°4487

92. 9.28	7	21 46 22.085	24 56 6.34	
92.10. 1	7	22.055	7.49	

12959 9.3 2.6780 +0.0060 +16.743 +0.208 28°4213

81.10.26	3	21 46 24.593	28 10 36.75	†

12960 8.6 2.6941 +0.0058 +16.748 +0.209 27°4184

72. 9. 6	3	21 46 31.685	27 12 52.35	Z.C.δ 52″4
78.10.11	3	31.606	52.60	
78.10.12	3	31.711	52.41	
83. 9.24	3	31.667	52.27	

12961 8.4 2.6546 +0.0064 +16.751 +0.206 29°4535

78.10.10	3	21 46 34.540	29 36 17.53	Z.C.δ 17″7
83. 9.17	4	34.613	18.25	
83. 9.18	3	34.679	17.41	

12962 $9^{m}0$ $2^{s}6924$ +$0^{s}0058$ +16″755 +0″209 27°4185

72. 8.31	2	$21^{h}46^{m}39^{s}464$	27° 20′ 29″11	
72. 9. 6	1	39.541	28.68	

12963 8.5 2.7115 +0.0055 +16.761 +0.210 26°4286

72. 9.18	3	21 46 47.191	26 10 12.21	Z.C.α $47^{s}05$
75. 9.17	3	46.914	13.34	

12964 9.1 2.6904 +0.0058 +16.762 +0.208 — —

79.11. 6	2	21 46 48.560	27 29 13.67	†

12965 9.0 2.6907 +0.0058 +16.763 +0.208 27°4186

78.10.11	2	21 46 49.741	27 28 18.03	
79.11. 5	3	49.765	17.47	
79.11. 6	3	49.811	17.65	

12966 5.9 2.6788 +0.0061 +16.767 +0.207 28°4215

75. 9.25	1	21 46 55.372	28 12 31.36	
77.10. 2	3	55.087	31.24	
78.10.12	2	55.115	31.25	
85.10.16	5	55.133	32.06	

12967 9.4 2.7233 +0.0053 +16.774 +0.210 25°4634

75.10.25	2	21 47 4.063	25 27 55.92	
79.10. 6	3	4.165	56.11	
79.11. 7	3	4.307	56.85	
80.10. 1	3	4.283	56.33	

12968 9.0 2.7056 +0.0056 +16.781 +0.209 26°4288

75.10. 2	3	21 47 11.851	26 37 20.71	−1′
77. 9.26	3	11.873	21.91	
77.10. 3	3	11.909	22.33	

12969 8.9 2.7001 +0.0057 +16.785 +0.209 26°4289

78.10.25	3	21 47 16.851	26 57 34.34	
80.10.11	3	16.955	34.34	

12970 Fundamental Star 25°4635

12971 8.6 2.6471 +0.0067 +16.795 +0.203 30°4551

92.10. 5	7	21 47 30.410	30 11 55.15	
92.10. 7	7	30.274	56.07	

12972 9.4 2.7004 +0.0057 +16.796 +0.208 26°4290

78.10.25	2	21 47 31.811	26 58 25.11	†

12973 8.4 2.7290 +0.0053 +16.798 +0.210 25°4636

83. 9.12	7	21 47 33.281	25 10 17.94	Z.C.δ 18″1
83. 9.17	5	33.276	18.45	
83. 9.18	3	33.281	17.82	

12974 9.4 2.7107 +0.0056 +16.798 +0.209 26°4291

81.10.26	2	21 47 34.269	26 20 11.33	†

12975 9.0 2.7047 +0.0057 +16.802 +0.208 26°4292

75.10. 2	3	21 47 38.456	26 43 49.41	Z.C.δ 49″9
77. 9.26	2	38.410	49.71	
77.10. 3	2	38.516	50.98	+ 5′
79.11. 5	1	38.739	49.48	

12976 9.4 2.6930 +0.0059 +16.812 +0.207 — —

80. 9.27	3	21 47 51.813	27 29 18.51	†

12977	$9^{m}.5$	$2^{s}.6985$	$+0^{s}.0058$	+16″.817	+0″.207	27°4188
82.10.25	3	$21^{h}47^{m}58^{s}.042$		27° 9′ 59″.61		†
12978	8.9	2.7323	+0.0052	+16.823	+0.210	24°4494
75.10.25	2	21 48 5.160		25 2 21.85		
79.10. 7	3	5.238		21.72		
79.11. 7	2	5.193		23.27		
82.10. 3	3	5.188		23.46		
12979	8.9	2.7170	+0.0055	+16.830	+0.208	25°4637
93. 9. 5	5	21 48 13.882		26 2 30.70		
93. 9. 7	7	13.807		30.73		
12980	9.2	2.6821	+0.0062	+16.831	+0.206	28°4224
75. 9.25	2	21 48 14.927		28 13 33.81		†
12981	6.8	2.6899	+0.0061	+16.834	+0.206	27°4191
72. 8.31	3	21 48 19.704		27 45 24.26		
72. 9. 6	2	19.647		24.62		
78.10.12	3	19.368		24.58		
12982	9.0	2.6615	+0.0065	+16.845	+0.203	29°4539
80. 9.27	3	21 48 33.035		29 31 10.18		
92. 9.24	7	33.213		9.73		
12983	8.9	2.6637	+0.0065	+16.846	+0.204	29°4540
77. 9.19	1	21 48 33.830		29 23 27.33		Z.C. δ 26″.7
82.10.23	3	34.109		25.11		
91. 9.23	7	34.107		27.55		
12984	9.5	2.6881	+0.0062	+16.863	+0.205	27°4192
72. 9.26	3	21 48 55.887		27 57 41.54		
73. 9.17	2	55.536		41.49		
93. 9.11	7	55.490		41.75		
12985	8.3	2.6606	+0.0066	+16.864	+0.203	29°4541
73. 9.26	3	21 48 57.201		29 38 21.58		Z.C. δ 21″.3
75.10.13	2	57.107		21.48		
77.11.17	1	57.146		20.24		
78.10.18	2	57.075		21.40		
78.11. 2	1	57.016		21.81		
12986	9.5	2.6929	+0.0061	+16.880	+0.205	27°4195
73. 9.23	3	21 49 16.870		27 43 32.88		p. of 3
92.10.10	3	16.959		31.86		
12987	9.5	2.6904	+0.0062	+16.882	+0.205	27°4196
80.11. 8	3	21 49 19.748		27 53 8.32		ex. ft.
82.10. 3	3	19.616		8.86		
12988	8.4	2.6763	+0.0064	+16.884	+0.203	28°4232
72.10.14	3	21 49 21.877		28 45 30.53		
73. 9.11	3	22.028		29.92		w. 6 + 10^{s}
77.10. 2	3	21.881		29.74		
12989	9.2	2.7037	+0.0059	+16.884	+0.206	26°4299
82.10.25	3	21 49 21.981		27 3 28.13		†
12990	9.0	2.7391	+0.0053	+16.884	+0.208	24°4498
85.10.16	5	21 49 22.631		24 47 16.02		c. d. s. p. †

12991	$9^{m}.0$	$2^{s}.7172$	$+0^{s}.0057$	+16″.888	+0″.206	26°4300
72. 9.18	3	$21^{h}49^{m}28^{s}.098$		26° 12′ 58″.15		Z.C. δ 58″.7
75. 9.17	3	27.773		59.64		
75.10. 2	3	28.029		58.32		
77.10. 3	3	28.041		58.82		w. 3 + 10^{s}
12992	9.5	2.6994	+0.0060	+16.889	+0.205	27°4197
81.10.27	3	21 49 28.088		27 20 42.08		†
12993	9.2	2.6987	+0.0060	+16.896	+0.205	27°4198
80.10.30	3	21 49 37.032		27 24 50.44		
80.11. 3	3	37.085		50.12		
12994	9.1	2.6895	+0.0062	+16.896	+0.204	27°4199
75.10. 5	3	21 49 37.922		27 59 16.63		
76.10.16	3	37.880		15.93		
80. 9.27	2	37.871		17.46		
12995	8.9	2.7179	+0.0057	+16.898	+0.206	26°4303
72. 9.18	2	21 49 40.330		26 12 28.39		Z.C. δ 28″.4
75. 9.17	3	40.123		28.37		
75.10. 2	3	40.279		27.99		
77.10. 3	3	40.189		28.67		
12996	9.2	2.7319	+0.0054	+16.899	+0.207	25°4642
72.10. 9	1	21 49 41.741		25 18 9.98		Z.C. δ 10″.9
73.10.30	2	41.313		12.00		
77. 9.28	3	41.318		10.68		
12997	9.5	2.6858	+0.0063	+16.901	+0.203	28°4233
75. 9.25	3	21 49 44.408		28 14 6.28		Z.C. δ 7″.2
76.10.14	3	44.475		7.25		
77.10. 5	2	44.423		8.06		
12998	8.7	2.7315	+0.0055	+16.902	+0.207	25°4643
72.10. 9	2	21 49 45.378		25 20 28.39		Z.C. δ 27″.8
73.10.30	1	45.193		27.58		
74.11. 9	3	45.336		27.33		
77. 9.28	3	45.300		28.02		
12999	8.9	2.7090	+0.0058	+16.906	+0.205	26°4304
74.10. 3	3	21 49 50.925		26 48 9.31		
74.10. 3	1	50.845		10.11		
76.10.13	3	50.986		8.42		
13000	7.8	2.6531	+0.0068	+16.908	+0.201	30°4558
92. 9.28	7	21 49 52.496		30 14 10.49		
92.10. 5	7	52.491		11.33		
13001	9.4	2.7154	+0.0058	+16.910	+0.206	26°4305
72. 8.29	1	21 49 55.248		26 24 29.71		
76 10.17	2	55.161		28.91		
77. 9.26	3	55.344		29.79		
13002	8.9	2.6793	+0.0064	+16.911	+0.202	28°4235
74.11. 7	3	21 49 56.394		28 40 5.74		
77. 9.27	3	56.374		6.92		
77.10.26	3	56.356		6.39		
13003	9.3	2.6935	+0.0061	+16.914	+0.204	27°4201
81.10.31	3	21 50 0.647		27 47 60.06		
82.10.18	3	0.447		58.93		w. 3.4 − 1^{s}

13004 9^{m}5 2^{s}6810 +0^{s}0064 +16$''$916 +0$''$203 28°4236

82.10.23	3	21^{h}50^{m}	3^{s}137	28° 34′	49$''$49	
84.11.10	7		2.757		48.74	

13005 9.5 2.6923 +0.0062 +16.918 +0.203 — —

73. 9.17	2	21 50	5.611	27 53	27.59	†

13006 9.5 2.6981 +0.0061 +16.922 +0.204 27°4202

72. 9. 6	3	21 50	9.979	27 32	22.40	Z.C. δ 22$''$7
72.10. 3	3		10.292		22.45	
75.11. 4	3		9.939		23.32	
77. 9.24	3		10.263		22.69	

13007 8.8 2.6772 +0.0065 +16.922 +0.202 28°4237

72.10.14	3	21 50	10.315	28 50	7.12	Z.C. δ 7$''$7
73. 9.18	2		10.397		7.12	
77. 9.27	1		10.470		8.32	
80.10. 2	3		10.471		8.41	

13008 8.5 2.7252 +0.0056 +16.922 +0.206 25°4644

73.11. 1	3	21 50	10.648	25 48	47.37	
74.10. 7	3		10.665		46.38	
74.11. 9	2		10.726		46.49	
77.11. 5	3		10.546		46.30	
79. 9.24	3		10.796		45.87	
79.10.21	3		10.791		45.98	

13009 9.3 2.7089 +0.0059 +16.922 +0.205 26°4306

85.11.18	5	21 50	11.207	26 51	53.99	†

13010 9.5 2.6919 +0.0062 +16.924 +0.203 27°4203

81.10.26	3	21 50	13.113	27 56	7.07	†

13011 9.5 2.6904 +0.0062 +16.925 +0.203 27°4204

88.10.19	5	21 50	14.526	28 1	51.43	v. ft. †

w. 4 − 1^{s} w. 6 + 1^{s} Z.C. δ 28° 1′ 51$''$4

13012 9.3 2.7105 +0.0059 +16.927 +0.205 26°4307

87.10.24	5	21 50	17.185	26 46	24.01	†

13013 8.9 2.6745 +0.0065 +16.928 +0.202 28°4238

72.10.16	3	21 50	18.642	29 1	42.25	
73. 9.11	3		18.672		42.17	
73. 9.12	3		18.425		42.45	
73. 9.26	3		18.740		42.05	
76. 9.19	3		18.601		41.94	
76.10.21	3		18.694		43.25	
77. 9.21	3		18.600		40.99	
77.10. 2	3		18.640		42.76	
77.10. 4	3		18.644		40.54	
77.10.26	2		18.823		42.35	

13014 9.5 2.7256 +0.0056 +16.929 +0.206 — —

73.11. 1	3	21 50	20.356	25 48	58.06	
74.10. 7	3		20.335		57.73	

13015 9.0 2.6579 +0.0068 +16.929 +0.201 29°4543

92. 9.24	3	21 50	20.334	30 1	54.90	
92.10. 7	7		20.444		57.78	

13016 8.5 2.6781 +0.0065 +16.931 +0.202 28°4239

74.10.12	3	21 50	22.085	28 48	42.17	
74.11. 7	3		22.122		42.80	
76.10.14	3		22.054		41.64	

13017 9^{m}4 2^{s}6916 +0^{s}0062 +16$''$935 +0$''$203 27°4206

72. 9.26	3	21^{h}50^{m}	27^{s}682	27° 59′	29$''$99	
73. 9.23	3		27.455		30.91	
75.10. 5	2		27.439		29.42	
75.11. 4	3		27.598		30.68	
81.10.27	3		27.618		30.99	

13018 9.4 2.6888 +0.0063 +16.938 +0.202 28°4240

81.10.31	2	21 50	30.858	28 10	51.15	
87.11.14	7		31.019		53.91	v. ft.

13019 9.4 2.6959 +0.0062 +16.943 +0.203 27°4207

90.11.10	7	21 50	37.958	27 45	13.83	†

13020 8.8 2.7257 +0.0056 +16.944 +0.206 25°4648

73.10.30	1	21 50	38.502	25 51	20.19	Z.C. δ 19$''$3
75.10.25	2		38.234		19.07	
77.11. 5	2		38.319		18.59	

13021 8.8 2.7240 +0.0057 +16.944 +0.205 25°4647

75. 9.30	3	21 50	39.291	25 58	6.03	
75.10.25	3		39.126		5.17	
80.11. 4	2		39.248		7.03	

13022 8.8 2.7269 +0.0056 +16.945 +0.206 25°4649

79. 9.24	3	21 50	40.284	25 46	44.46	
79.10. 3	3		40.391		45.65	
79.10. 6	3		40.256		45.06	
79.10.21	3		40.256		44.55	
79.11. 7	3		40.270		46.73	

13023 8.9 2.7089 +0.0060 +16.946 +0.204 26°4310

72. 9.17	3	21 50	41.422	26 56	21.73	
75.11. 8	3		41.407		20.51	
76.10.17	3		41.171		20.06	
77. 9.26	3		41.179		20.20	
77.10. 6	3		41.278		21.46	
77.10. 6	2		41.168		21.62	

13024 8.8 2.7297 +0.0056 +16.953 +0.206 25°4650

74.11. 9	2	21 50	50.860	25 37	30.93	Z.C. δ 30$''$6
77. 9.28	2		50.822		30.35	

13025 9.5 2.6754 +0.0066 +16.955 +0.201 28°4242

82.10.25	2	21 50	53.821	29 4	16.52	†

13026 9.3 2.7004 +0.0062 +16.960 +0.203 27°4208

82.10.18	2	21 50	59.292	27 31	52.22	
84.10. 4	7		59.490		51.34	
84.10.14	7		59.560		50.64	

13027 9.2 2.6955 +0.0063 +16.960 +0.202 27°4209

86.11 18	5	21 50	59.801	27 50	22.73	
87.10.14	5		59.979		18.92	
88.10.20	7		59.481		21.23	

13028 9.0 2.6557 +0.0070 +16.962 +0.200 30°4562

93. 9.11	1	21 51	2.839	30 17	1.99	
93. 9.12	7		2.610		3.83	
93. 9.14	7		2.681		2.63	
93.10.18	3		2.222		2.67	
93.10.31	7		2 626		1.36	

13029 $9^m.1$ $2^s.7092$ $+0^s.0060$ $+16''.967$ $+0''.203$ 26°4312

85 10.16	5	$21^h 51^m 8^s.661$	26° 59′ 41″.89	
87.10.15	7	8.812	41.08	w. 4 — 1^s
87.10.31	5	8.791	41.44	

13030 8.8 2.6854 +0.0065 +16.977 +0.201 28°4243

73. 9.11	2	21 51 21.800	28 31 35.72	
77.10. 2	3	21.788	35.36	
77.10. 5	1	21.705	36.88	
88.10.22	5	21.980	35.45	

13031 9.5 2.6827 +0.0066 +16.982 +0.201 28°4244

81.10.27	1	21 51 27.724	28 42 39.16	
84.10.24	7	27.524	41.74	

13032 8.5 2.7036 +0.0062 +16.983 +0.202 27°4210

72. 8.31	3	21 51 28.420	27 23 58.53	§
72. 9. 6	2	28.432	58.69	Z.C. δ 59″.3
72. 9.26	3	28.492	60.97	
72.10. 3	3	28.481	59.22	
73. 9.17	3	28.536	59.27	
76.10.16	3	28.623	59.44	v. ft.
77. 9.12	3	28.389	58.38	

13033 9.4 2.6849 +0.0065 +16.984 +0.201 28°4245

84. 9.29	7	21 51 30.360	28 35 13.75	†

13034 8.6 2.7124 +0.0060 +16.987 +0.202 26°4313

72. 9.18	3	21 51 33.867	26 51 38.62	
75.11. 8	3	33.918	39.60	
76.10.13	3	33.731	38.58	
77.10. 3	3	33.799	40.83	

13035 9.5 2.6859 +0.0065 +16.987 +0.201 28°4246

82.10.23	3	21 51 34.326	28 32 4.87	
84. 9.25	5	34.188	5.64	

13036 8.9 2.7037 +0.0062 +16.987 +0.202 27°4211

72. 8.31	1	21 51 34.900	27 24 60.47	
77. 9.12	2	34.640	59.35	
			Z.C. δ 27° 24′ 59″.9	

13037 7.5 2.6908 +0.0064 +16.988 +0.201 28°4247

72.10.14	3	21 51 35.843	28 13 47.83	
74.10.12	3	35.682	48.61	
75. 9.25	3	35.769	48.22	
78.11. 2	3	35.770	49.89	

13038 9.5 2.6635 +0.0070 +17.000 +0.198 29°4547

87.10.10	7	21 51 51.566	29 57 14.07	w. 6 + 1^s
87.10.11	7	50.918	11.31	Z.C. α $51^s.24$

13039 8.5 2.6898 +0.0065 +17.001 +0.201 28°4248

74.10.28	3	21 51 52.413	28 20 28.13	
77. 9.27	3	52.527	29.30	
77.10.16	3	52.592	29.59	
90.10.14	7	52.800	29.16	

13040 7.2 2.6838 +0.0066 +17.002 +0.200 28°4249

74.10.12	2	21 51 53.320	28 43 0.13	Z.C. δ 0″.4
76.10.14	3	53.263	0.37	
77.10.26	3	53.371	0.65	

13041 $9^m.5$ $2^s.6837$ $+0^s.0066$ $+17''.006$ $+0''.200$ 28°4250

87.10.19	5	$21^h 51^m 58^s.716$	28° 44′ 15″.99	†

13042 7.9 2.6928 +0.0065 +17.008 +0.201 28°4251

74.10.28	1	21 52 1.523	28 10 32.51	Z.C. δ 32″.9
77.10. 2	3	1.599	32.12	
77.10. 5	2	1.676	33.94	

13043 9.1 2.6911 +0.0065 +17.012 +0.201 28°4252

84.10.31	7	21 52 5.851	28 17 45.71	
84.11. 3	7	5.915	47.79	v. ft.

13044 9.2 2.7180 +0.0060 +17.013 +0.202 26°4314

72. 9.17	3	21 52 8.124	26 35 21.52	Z.C. δ 20″.4
74.10. 3	2	8.299	19.77	
75. 9.17	3	8.190	20.23	
76.10.17	3	8.210	20.33	
77. 9.26	3	8.091	19.96	

13045 9.0 2.7062 +0.0062 +17.013 +0.202 27°4213

73. 9.23	3	21 52 8.514	27 20 54.88	
75.11. 4	3	8.270	56.68	
78.10.12	3	8.372	54.99	
80.11. 1	3	8.464	54.86	
84.10.22	7	8.369	52.14	
84.10.23	7	8.366	53.74	

13046 9.0 2.7230 +0.0059 +17.014 +0.203 26°4315

75.10. 2	3	21 52 8.500	26 15 38.65	Z.C. δ 39″.2
77.10. 3	2	8.438	39.74	

13047 8.7 2.7176 +0.0060 +17.015 +0.202 26°4316

74.10. 3	2	21 52 10.830	26 37 15.78	
93 9. 7	7	10.757	15.59	

13048 8.8 2.6945 +0.0064 +17.016 +0.201 28°4253

74.11. 7	2	21 52 11.830	28 5 46.13	
78.10.18	3	12.271	48.57	
93. 9.15	5	12.151	49.46	

13049 9.0 2.6829 +0.0067 +17.019 +0.200 28°4254

73. 9.11	2	21 52 15.164	28 49 54.63	
75. 9 25	3	15.147	53.73	
80.10. 2	3	15.164	54.25	

13050 8.6 2.7285 +0.0058 +17.024 +0.203 25°4652

72.10. 9	3	21 52 22.054	25 56 39.78	
73.10.30	3	22.087	40.17	
74.10. 7	3	21.939	39.75	
75. 9.30	3	21.945	38.98	
75.10.25	3	22.108	39.19	
76.10.10	3	22.063	38.44	
77.11. 5	3	21.993	39.01	
80.11. 4	3	22.016	38.75	
86.10. 5	5	21.952	39.46	

13051 9.4 2.7090 +0.0062 +17.024 +0.201 27°4214

82.10.23	3	21 52 22.081	27 12 24.06	
85.11.16	5	22.367	25.86	

13052 9.5 2.7151 +0.0061 +17.027 +0.202 — —

72. 8.29	3	21 52 26.303	26 49 29.83	†

13053 9$^{\rm m}$3 2$^{\rm s}$6706 +0$^{\rm s}$0069 +17$''$028 +0$''$198 29°4548

81.10.31	3	21$^{\rm h}$52$^{\rm m}$26$^{\rm s}$812	29° 37′ 30$''$99	
90.10 18	6	26.570	33.09	

13054 9.3 2.6719 +0.0069 +17.032 +0.198 — —

86.11.18	5	21 52 32.755	29 33 50.76	
90.10.27	5	32.584	51.75	

13055 9.2 2.6637 +0.0070 +17.037 +0.197 29°4549

86.10.23	5	21 52 38.146	30 4 39.35	
87.10.24	5	38.592	36.74	

13056 9.5 2.7431 +0.0055 +17.037 +0.204 24°4510

80.11. 3	3	21 52 38.313	25 1 5.71	
80.11. 3	2	38.453	7.29	−5′

13057 9.5 2.7082 +0.0063 +17.042 +0.201 27°4215

80. 9.27	3	21 52 45.168	27 19 10.55	†

13058 9.0 2.7376 +0.0056 +17.045 +0.203 25°4653

72 10. 9	2	21 52 49.300	25 24 56 17	
73 11. 1	3	49.403	57.06	
74.11. 9	3	49.289	57.10	

13059 8.8 2.7163 +0.0061 +17 046 +0.201 26°4319

72. 8.29	2	21 52 50.566	26 48 49.37	
72. 9.18	3	50.573	48.06	
73 10.14	2	50.391	52.08	
75.10. 2	3	50.352	48.74	
76.10.13	3	50.470	48.34	

13060 9.4 2.6940 +0.0065 +17.048 +0.200 28°4255

87.10.25	7	21 52 52.834	28 14 37.47	
88.10.19	5	52.487	34.17	

13061 9.4 2.7429 +0.0055 +17.053 +0.203 24°4512

80.11. 8	3	21 52 59.815	25 5 19.57	†

13062 7.4 2.6790 +0.0068 +17.060 +0.198 29°4550

72.10.16	3	21 53 9.159	29 13 47.93	
73. 9.12	3	8.832	46.35	
75.10.13	3	8.956	46.27	
76 10 21	3	8.962	46.52	
77. 9.19	3	8.759	44.32	
77.11.17	3	8.903	45.09	
80.10. 2	3	8.746	43.13	w. 5−10$^{\rm s}$

13063 8.8 2.6630 +0.0071 +17.063 +0.197 30°4574

92. 9.24	7	21 53 13.304	30 13 27.42	
92. 9 28	7	13.386	28.14	

13064 9.1 2.7080 +0.0063 +17.067 +0.200 27°4217

72. 9. 6	3	21 53 18.091	27 25 7.08	
72. 9 26	3	18.217	7.00	
72.10. 3	3	18.345	8.27	
75.10. 5	3	18.067	7.61	
78 10.12	3	18.185	7.89	

13065 8.8 2.6750 +0.0069 +17.068 +0.197 29°4552

73. 9.26	3	21 53 18.750	29 30 10.02	
74 9.26	3	18.781	10.24	
76. 9.18	1	18.880	8.52	
76. 9.19	3	18.702	9.38	

13066 9$^{\rm m}$3 2$^{\rm s}$6715 +0$^{\rm s}$0069 +17$''$068 +0$''$197 29°4551

82.10.18	3	21$^{\rm h}$53$^{\rm m}$19$^{\rm s}$420	29° 43′ 7$''$82	
86.11. 1	5	18.870	8.10	
88.10.22	5	19.047	9.36	

13067 9 1 2.7240 +0.0060 +17.069 +0 201 26°4320

85.10.16	5	21 53 20 021	26 23 19.59	
87.10.14	5	20.118	18.00	
87.10.31	5	20.043	18.10	

13068 9.2 2.6925 +0.0066 +17.078 +0.198 28°4258

81.10.31	2	21 53 32 924	28 27 9.43	†

13069 9.5 2.6678 +0.0071 +17.079 +0.196 29°4553

72.10 16	3	21 53 34.076	29 59 25.49	
92.10. 5	3	33.921	24.04	

13070 8.7 2.6989 +0.0065 +17.080 +0.199 27°4219

73. 9.17	3	21 53 35.192	28 2 58.25	Z.C. δ 57$''$9
75.11. 4	3	35.129	58.44	
80.10.30	3	35.070	56 23	
86 11.18	1	35.263	58.59	

13071 9 1 2.7189 +0.0061 +17.080 +0.201 26°4321

90.11. 1	7	21 53 35.589	26 46 0.63	†

13072 7.5 2.6689 +0.0070 +17.082 +0.196 29°4554

73. 9.26	3	21 53 37.650	29 56 5.05	Z.C. δ 4$''$6
75.10.13	3	37.740	3.92	
77. 9.19	2	37.603	4.69	

13073 9.4 2.7294 +0.0059 +17.083 +0.201 25°4654

79.11 14	3	21 53 39.014	26 5 12.36	†

13074 The Z.C. place is 1′ wrong, owing to a mistake in copying: see 13074$^{\rm a}$

13074$^{\rm a}$ 9.5 2.6954 +0.0066 +17.084 +0.198 28°4259

82.10.25	3	21 53 40.009	28 17 28.81	†

13075 9.3 2.6782 +0.0069 +17.084 +0.197 29°4555

85.11. 4	5	21 53 40.705	29 22 15.68	† v. ft.

13076 8.2 2.6799 +0.0069 +17.091 +0.197 29°4556

74. 9.26	3	21 53 49.102	29 17 10.89	Z C. δ 11$''$8
77. 9.21	3	49.212	11.67	
77 11.17	3	49.174	11.84	
78.11. 2	3	49.067	11.97	
78.11. 2	2	49.047	12.11	
80 10. 2	2	49.114	12.53	

13077 8.5 2.7078 +0.0064 +17.097 +0.199 27°4220

73. 9.23	3	21 53 57.832	27 32 32.85	Z.C. δ 32$''$7
75.10. 5	3	57.994	32.50	
77. 9 12	3	57.836	32.80	

13078 9.2 2.6785 +0.0069 +17.098 +0.197 29°4558

85.11 16	5	21 53 59.263	29 24 13.19	
85.11.17	5	59.245	10.15	
88.10.20	5	59.315	11.32	
91. 9 23	7	59.066	14.00	

13079 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.7341$ $+0^{\mathrm{s}}.0059$ $+17''.099$ $+0''.201$ 25°4655

72.10 9	3	$21^{\mathrm{h}}\,54^{\mathrm{m}}\,0^{\mathrm{s}}.316$	25° 50′ 9″.55	
73.10.30	3	0.136	10.68	
74.10. 7	3	0.254	10.10	
75. 9.30	3	0.175	9.39	
75.10.25	3	0.113	8.78	
77 9.28	3	0.231	9 58	
77 11 5	3	0.027	8.61	$+1^{\mathrm{m}}$
78.10. 8	3	0.038	9.16	

13080 9 5 2.7130 +0 0063 +17.107 +0.199 27°4222

73. 9.17	3	21 54 10.815	27 14 59 25	
93. 9. 7	1	11.033	58.91	
93.10. 4	3	10.894	57.98	
93.10.18	2	10.813	58.70	
93.10.30	7	10.745	61.52	v. ft.

13081 9.4 2.7311 +0.0059 +17.108 +0.201 25°4656

79.11.14	1	21 54 11.442	26 3 34.98	†

13082 9.0 2.7388 +0.0058 +17.110 +0.201 25°4657

73.10.30	3	21 54 13.969	25 33 28.53	
73.11. 1	3	13.883	29.27	
74.11. 9	3	13.904	28.80	
75.10 25	3	13.858	29.14	

13083 9.3 2.6934 +0.0067 +17.111 +0.197 28°4261

72.10.14	3	21 54 15.436	28 31 11.76	
74.10.28	3	15.402	12.65	
74.11. 7	3	15.532	12.10	
77.10. 5	3	15.637	13.06	

13084 9.3 2.6703 +0.0071 +17.114 +0.196 29°4559

73. 9.12	3	21 54 19.184	29 58 7.79	Z.C. δ 7″.7
73. 9.26	2	19.518	8.42	
76. 9.19	3	19.389	7.91	− 1′
76.10.21	3	19 388	7.72	
77. 9.21	3	19.340	7.21	
77.10. 4	3	19.361	7.37	
77 11 17	2	19.491	6.75	
90.10.14	5	19.419	8.25	

13085 7.8 2.7298 +0.0060 +17.118 +0.200 26°4323

72. 9.17	3	21 54 24.860	26 11 7.20	Z.C. δ 6″.0
72. 9.18	3	25 008	4.62	
73.10.14	3	25.024	7.54	
76.10.17	3	24.871	5.11	
77. 9.26	3	24.956	5.26	
77.10. 3	3	24.877	6.23	

13086 9.5 2.6874 +0 0068 +17.120 +0.197 28°4262

73. 9.11	3	21 54 27.597	28 56 4.10	
74.10.28	2	27 702	3.82	
76.10.14	3	27.763	3.29	
77. 9.27	3	27.654	3.86	

13087 9.4 2.7466 +0.0057 +17.126 +0.201 24°4516

79.10. 6	3	21 54 35.252	25 5 18.20	
79.11. 5	3	35.391	18.65	
80.11. 8	2	35.839	19.08	
82.10.23	3	35.612	17.49	
84.10. 4	5	35.583	17.27	
84.10.14	6	35.611	18.30	

13088 $8^{\mathrm{m}}.7$ $2^{\mathrm{s}}.7250$ $+0^{\mathrm{s}}.0061$ $+17''.126$ $+0''.200$ 26°4324

72 8.29	3	$21^{\mathrm{h}}\,54^{\mathrm{m}}\,35^{\mathrm{s}}.900$	26° 31′ 49″.85	
74 10. 3	3	35 744	50.27	
75.10. 2	3	35.789	49.94	

13089 8.8 2.7024 +0.0066 +17.127 +0.197 27°4224

72. 8 31	3	21 54 37.150	27 59 59.83	
72. 9 6	3	37.290	60.33	
72. 9.26	3	37 325	60.59	
72.10. 3	3	37.392	60.63	
80.10.30	3	37.213	60.25	

13090 9.0 2.6831 +0.0070 +17.135 +0.196 29°4560

72 10.16	2	21 54 47.980	29 15 42.51	
73. 9.12	3	47.726	43.78	− 5′
74. 9.26	3	47.729	42.22	
75.10.13	1	47.964	41.84	
76.10 21	3	47.793	42.15	

13091 9.4 2.7051 +0.0065 +17.135 +0 197 27°4226

73. 9.23	3	21 54 47.924	27 51 47.78	Z.C. δ 47″.6
77. 9.12	2	48.192	47.47	

13092 9.1 2.6822 +0.0070 +17.141 +0.196 29°4561

85.11.18	5	21 54 56.070	29 20 33.71	
87.10.21	5	55.846	32.77	

13093 8.3 2.7360 +0.0060 +17.142 +0.199 25°4658

72 10 9	3	21 54 57.536	25 52 3.96	Z.C. δ 3″.9
73.11. 1	3	57.576	4.27	
74.10. 7	3	57.491	4.34	
77.11. 5	2	57.407	2.86	

13094 9.5 2.6922 +0.0068 +17.146 +0.196 28°4264

86.10.22	4	21 55 2.326	28 43 52.99	†

$1^{\mathrm{s}}.5$ later than B.D.: Revision observations give α 1^{s} less; Oxford photographs give α $0^{\mathrm{s}}.9$ less

13095 9.4 2.6693 +0.0073 +17.148 +0.195 30°4583

87.10.25	5	21 55 4.469	30 9 52.15	v. ft.
88.10.19	5	4.199	53.81	

13096 9.0 2.7195 +0.0063 +17·149 +0.198 26°4327

73. 9.29	3	21 55 5.576	26 58 36.76	
73.10.14	2	5.436	37.78	
75.10. 2	3	5.514	35.03	
75.11. 8	3	5.748	35.01	
76.10.13	3	5.506	35.94	
76 10.17	3	5.294	35 64	
77 10. 3	3	5.629	37.39	

13097 8.2 2.7125 +0.0065 +17.154 +0.197 27°4228

72. 9.26	1	21 55 12.252	27 26 54.28	
73. 9.23	2	11.986	53.09	
75.10. 5	3	12.117	52.40	

13098 9.0 2.7493 +0.0057 +17.156 +0.200 24°4518

80.11. 3	3	21 55 15.499	25 0 20.74	
80.11. 3	3	15.509	20.68	

13099 $9^{m}.3$ $2^{s}.6903$ $+0^{s}.0069$ $+17''.157$ $+0''.196$ 28°4265

72.10.14	3	$21^{h}55^{m}15^{s}.823$	28° 53′ 8″.95	
73. 9.11	3	15.840	10.09	
74.11. 7	3	15 988	9.55	
77 10. 2	3	15.636	9.38	
77 10.16	3	15.968	9.82	

13100 9.3 2.7364 +0.0060 +17.158 +0.199 25°4659

85.10.16	5	21 55 17.653	25 53 21.62	
87.10.11	7	17.925	19.59	

13101 9.2 2.7348 +0.0060 +17.161 +0.199 25°4660

79.10. 3	3	21 55 22.171	26 0 39.05	-5^{s}
80.11. 4	3	22.203	38.74	

13102 8.2 2.6705 +0.0073 +17.163 +0.194 30°4587

84 10.22	7	21 55 25.132	30 9 17.92	
84.10.23	7	25.086	17.50	
84.10.31	7	25.039	18.24	

13103 9.0 2.7349 +0.0061 +17.167 +0.198 25°4661

79.10. 3	2	21 55 29.210	26 1 7.19	
79.11.14	3	29.288	5.58	
80.11. 4	2	29.063	7.28	§

13104 7.9 2.7317 +0.0061 +17.167 +0.198 26°4328

72. 9 17	3	21 55 29 514	26 13 47.36	
72. 9.18	3	29.510	47.76	
77. 9.26	3	29.459	48.05	

13105 9.4 2.7166 +0.0064 +17.173 +0.197 27°4230

82.10.25	3	21 55 37.819	27 15 2.36	
86.11. 1	7	37.814	1.20	

13106 9.1 2.7309 +0.0062 +17.175 +0.198 26°4329

74.10. 3	3	21 55 40.522	26 18 51.61	Z.C. δ 51″.9
75.11. 8	3	40.666	51.36	
76.10.13	3	40.558	51.49	
77.10. 3	3	40.561	53.26	

13107 9.3 2.7141 +0.0065 +17.177 +0.197 27°4231

90.10.18	7	21 55 43.181	27 25 59.59	
90.10.27	7	43.340	58.68	

13108 9.2 2.7173 +0.0064 +17.178 +0 197 27°4233

82.10.18	3	21 55 45.061	27 13 28.22	
82.10.23	2	45.053	27.26	
82.10.25	2	45.183	28.06	
87.10.31	5	44.895	28.79	
87.11. 2	5	45.003	28.17	-1^{m}

13109 8.9 2.6937 +0.0069 +17.182 +0.195 28°4269

72.10.14	3	21 55 49 889	28 46 32 10	Z.C. δ 31″.9
73. 9.18	3	49.717	31.64	
76.10.14	3	49.837	31.88	-1^{m}
77. 9.27	3	49.764	32.26	
77.10. 5	3	49.708	31.91	
77.10.26	3	49.783	31.58	

13110 9.5 2.6747 +0.0073 +17.182 +0.193 — —

73. 9.26	3	21 55 50.120	29 58 9 95	†

13111 $9^{m}.0$ $2^{s}.7172$ $+0^{s}.0065$ $+17''.185$ $+0''.197$ 27°4234

72. 8.31	3	$21^{h}55^{m}53^{s}.915$	27° 15′ 28″.28	+ 5′
72. 9. 6	2	53.963	29.17	
72.10. 3	3	54.078	29.71	
73. 9.17	1	54.097	30.78	
75 11. 4	3	54.058	29.36	
76.10.16	1	53.820	30.30	δ poor

13112 9.1 2.6800 +0.0072 +17.186 +0.194 29°4563

85.11.16	5	21 55 54.823	29 38 52.25	
85.11.17	5	54.884	50.29	

13113 8.0 2.7398 +0.0060 +17.190 +0.198 25°4662

73.10.30	3	21 56 0.203	25 46 35.37	
73.11. 1	3	0.495	34.24	
74.11. 9	3	0.406	33.80	
75. 9.30	3	0.414	33.87	
75.10.25	3	0.358	35.16	
77.11. 5	2	0.310	33.20	
84. 9.25	5	0.307	34.24	
84.10.24	7	0.398	35.09	
84.10.29	7	0.386	34.13	

13114 8.5 2.7116 +0.0066 +17.193 +0.196 27°4235

73. 9.17	3	21 56 3.658	27 39 7.41	
73. 9.23	2	3.811	7.74	
75.10. 5	3	3.594	6.76	

13115 9.1 2.6890 +0.0070 +17.195 +0.195 29°4564

86.11.18	5	21 56 6.031	29 6 49.86	
87.10.19	5	6.199	49.93	+ 1 int.

13116 9.4 2.6865 +0.0071 +17.200 +0.194 — —

80.10. 2	3	21 56 13.057	29 17 49.64	†

13117 9.1 2.7335 +0.0062 +17.204 +0.197 26°4333

86.11.17	5	21 56 18.762	26 14 42.16	
88.10.23	4	18 719	42.74	

13118 9.4 2.6801 +0.0072 +17.204 +0.193 29°4565

86.10. 5	5	21 56 19.198	29 43 3.43	†

13119 9.5 2.6935 +0.0070 +17 205 +0.195 — —

73. 9.11	3	21 56 20.673	28 52 28.57	†

13120 9.5 2.7109 +0.0067 +17.217 +0.196 27°4237

81.10.31	3	21 56 36.433	27 47 29.76	
92.10. 7	5	36.451	30.66	

13121 8.4 2.7053 +0.0068 +17.217 +0.195 28°4272

74.10.28	3	21 56 36.292	28 9 41.67	
77. 9.27	3	36.687	43.57	
77.10. 5	3	36.480	42.97	
77.10 16	3	36.454	43.24	

13122 9.3 2.7077 +0 0068 +17.222 +0.195 — —

80.10 30	3	21 56 42.490	28 0 49.20	†

13123 9.0 2.7442 +0.0060 +17.224 +0.198 25°4663

72.10. 9	3	21 56 45.751	25 35 59.90	
73.10.30	3	45.764	61.43	
74.11. 9	3	45.681	60.13	
76.10.10	3	45.683	60.20	

13124 $9^m.0$ $2^s.6934$ $+0^s.0071$ $+17''.227$ $+0''.193$ 28°4273

73. 9.18	3	$21^h 56^m 49^s.806$	28° 57′ 49″.55	Z.C. δ 49″.6
74.10.28	3	49.921	50.30	
74.11. 7	3	49.830	48.76	
77.10. 2	3	49.840	49.55	
77.10.26	3	49.969	50.02	

13125 9.2 2.7217 +0.0065 +17.228 +0.196 27°4239

77.10. 3	3	21 56 51.695	27 7 21.76	Z.C. δ 19″.9
82.10.18	3	51.779	19.28	
90.11.10	7	51.632	18.67	

13126 9.3 2.7482 +0.0059 +17.230 +0.198 25°4664

85.11.18	5	21 56 53.965	25 21 2.15	†

13127 9.5 2.7288 +0.0064 +17.234 +0.196 26°4335

72. 8.29	3	21 56 58.948	26 40 29.86	
72. 9.17	3	58.960	29.65	
72. 9.18	3	58.997	30.10	
77. 9.26	3	58.945	29.85	

13128 9.0 2.7226 +0.0065 +17.236 +0.196 26°4337

73.10.14	3	21 57 1.232	27 5 28.31	
74.10. 3	3	1.336	24.83	
75.10. 2	3	1.385	25.59	
75.10. 2	1	1.565	26.41	
76.10.13	3	1.352	25.12	
76.10.17	3	1.350	25.74	

13129 9.4 2.7355 +0.0062 +17.236 +0.197 26°4336

87.10.21	5	21 57 1.889	26 13 56.89	
87.11.14	5	1.978	57.51	
88.10.19	5	1.740	57.04	

13130 8.8 2.7105 +0.0068 +17.240 +0.194 27°4241

72. 8.31	3	21 57 7.530	27 54 31.84	
72.10. 3	3	7.514	32.94	
75.11. 4	3	7.643	32.55	$+ 1^m$
84.10. 4	5	7.576	31.97	
84.10.14	5	7.598	31.31	
84.11. 3	7	7.595	31.66	w. $7 + 10^s$
84.11.10	7	7.526	30.39	

13131 9.4 2.7396 +0.0061 +17.243 +0.197 — —

85.10.16	7	21 57 10.621	25 58 25.26	†

13132 9.0 2.7242 +0.0065 +17.243 +0.196 26°4339

81.10.27	3	21 57 11.076	27 0 55.33	†

13133 8.9 2.6781 +0.0074 +17.245 +0.192 29°4566

72.10.16	3	21 57 14.244	30 0 54.07	Z.C. δ 53″.4
73. 9.12	3	14.171	53.01	
75.10.13	3	14.262	54.03	
77.10. 4	2	14.087	53.64	
77.11.17	3	14.179	52.32	

13134 7.7 2.6756 +0.0075 +17.246 +0.192 30°4591

92. 9.24	7	21 57 14.784	30 10 5.94	
92. 9.28	7	14.803	6.54	

13135 $7^m.8$ $2^s.6928$ $+0^s.0071$ $+17''.248$ $+0''.193$ 28°4274

72.10.14	3	$21^h 57^m 17^s.979$	29° 5′ 4″.07	Z.C. δ 4″.8
73. 9.11	3	17.970	4.60	
76.10.14	3	17.967	4.75	+ 1°
77. 9.27	3	17.743	4.89	
77.10.16	3	17.923	4.45	
77.10.26	2	18.072	5.57	
86.10.22	5	17.842	5.05	

13136 9.4 2.6773 +0.0075 +17.251 +0.192 29°4567

76.10.21	3	21 57 22.160	30 5 18.77	Z.C. δ 19″.1
77. 9.19	3	22.149	19.87	
77.10. 4	2	22.186	18.57	

13137 9.5 2.7259 +0.0065 +17.256 +0.195 26°4341

82.10.23	3	21 57 28.927	26 57 19.16	†

13138 7.0 2.6857 +0.0073 +17.263 +0 192 29°4568

74. 9.26	3	21 57 38.194	29 35 57.94	Z.C. δ 57″.8
77. 9.21	3	38.136	57.08	
78.10.10	3	37.947	58.28	
78.10.18	3	38.009	57.95	

13139 9.5 2.6986 +0.0071 +17.266 +0.193 28°4276

81.10.31	3	21 57 41.550	28 47 12.34	†

13140 7.7 2.6930 +0.0072 +17.267 +0.192 29°4569

73. 9.26	3	21 57 43.086	29 8 45.30	
76.10.21	2	43.010	43.38	
77. 9.19	3	43.076	43.93	
87.10.25	5	43.143	44.50	
88.10.22	5	43.167	44.88	

13141 9.2 2.7533 +0.0059 +17.269 +0.197 25°4665

79.11. 5	3	21 57 46.553	25 8 4.33	
79.11. 6	3	46.780	5.91	

13142 7.5 2.6888 +0.0073 +17.270 +0.192 29°4570

73. 9.26	2	21 57 47.787	29 26 3.07	
77.11.17	3	47.755	0.28	
78.11. 2	3	47.730	1.08	

13143 9.0 2.7487 +0.0060 +17.275 +0.196 25°4666

72.10. 9	3	21 57 53.947	25 28 28.23	Z.C. δ 27″.7
73.10.30	3	53.895	28.77	
74.11. 9	3	53.856	27.74	
75.10.25	3	53.960	27.21	
77. 9.28	3	53.855	27.33	
77.11. 5	3	53.828	27.00	

13144 8.5 2.7360 +0.0063 +17.275 +0.195 26°4342

72. 8.29	2	21 57 54.559	26 20 42.97	Z.C. δ 43″.1
72. 9.18	2	54.404	42.59	w. $7 + 10^s$
77.10. 3	2	54 349	43.79	

13145 9.3 2.6869 +0.0074 +17.277 +0.191 29°4571

82.10.25	3	21 57 57.910	29 35 8.09	†

13146 9.0 2.7320 +0.0064 +17.279 +0.195 26°4343

73. 9.29	3	21 58 0.166	26 37 47.79	†

13147 $7^{\mathrm{m}}.7$ $2^{\mathrm{s}}.7162$ $+0^{\mathrm{s}}.0067$ $+17''.294$ $+0''.193$ 27°4243

72. 9.26	3	$21^{\mathrm{h}}58^{\mathrm{m}}19^{\mathrm{s}}.380$	$27^{\circ}\,44'\,38''.11$	
72.10. 3	3	19.375	36.92	
76.10.16	3	19.406	37.80	ft.

13148 9.5 2.7465 +0.0061 +17.294 +0.195 25°4668

82.10.23	3	21 58 20.450	25 42 1.26	
84.10.22	5	20.434	0.72	

13149 8.2 2.6771 +0.0076 +17.297 +0.190 30°4597

93. 9. 5	7	21 58 23.352	30 17 9.36	
93. 9. 7	6	23.444	9.45	

13150 9.3 2.7221 +0.0067 +17.303 +0.193 27°4244

79.11. 7	3	21 58 32.438	27 23 1.58	
86.10. 5	5	32.569	0.68	
88.10.23	5	32.474	0.82	

13151 9.3 2.7139 +0.0069 +17.309 +0.192 27°4245

72. 8.31	3	21 58 40.538	27 57 20.42	
72. 9. 6	3	40.525	21.66	– 1′
73. 9.23	3	40.437	20.53	
78.10.12	3	40.609	21.03	

13152 8.6 2.7423 +0.0063 +17.314 +0.194 25°4669

72.10. 9	2	21 58 46.586	26 3 35.43	
74.10. 7	3	46.429	34.62	
76.10.10	3	46.390	34.35	
77. 9.28	3	46.550	35.42	
80.11. 4	3	46.418	34.81	

13153 7.5 2.7569 +0.0060 +17.315 +0.195 24°4525

73.11. 1	3	21 58 47.741	25 3 12.84	
75.10.25	3	47.816	11.77	
79.10. 6	3	47.717	12.69	
79.10. 7	2	47.757	12.92	
80.11. 3	3	47.793	12.66	
80.11. 8	3	47.820	12.60	

13154 9.5 2 7385 +0.0064 +17.317 +0.194 26°4345

72. 9.17	2	21 58 51.753	26 20 19.16	†

13155 9.3 2.7026 +0.0071 +17.321 +0.191 28°4279

88.10.20	5	21 58 57.081	28 45 23.87	†

13156 8.8 2.7428 +0.0063 +17.322 +0.194 25°4670

72.10. 9	1	21 58 58.146	26 3 36.47	
73.10.30	3	57.982	37.34	
73.11. 1	3	58.075	35.20	
74.10. 7	2	58.070	35.67	
75.11. 8	3	57.858	35.08	
76.10.10	3	58.139	35.06	
77. 9.28	2	57.889	35.10	
80.11. 4	3	57.926	36.83	

13157 8.7 2.6934 +0.0073 +17.323 +0.191 29°4573

72 10.16	3	21 58 58.756	29 21 13.79	
73. 9.12	3	58.575	13.99	
75.10.13	3	58.581	14.32	
76. 9.19	3	58.676	14.25	

13158 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.7282$ $+0^{\mathrm{s}}.0066$ $+17''.328$ $+0''.193$ 26°4346

72. 9.18	2	$21^{\mathrm{h}}59^{\mathrm{m}}\,5^{\mathrm{s}}.958$	$27^{\circ}\,4'\,37''.82$	
75.10. 2	3	5.845	38.32	
76.10 13	3	5.873	39.12	
77. 9.26	3	5.839	38.10	
77.10. 3	3	5.791	39.17	

13159 9.2 2.6940 +0 0073 +17.331 +0.190 29°4575

73. 9.12	2	21 59 9.576	29 21 13.54	
87.10.24	5	10.017	10.64	
88.10.19	5	9.838	11.23	

13160 8.8 2.6814 +0.0076 +17.334 +0.189 30°4604

92. 9.24	7	21 59 14.292	30 10 19.74	
92. 9.28	6	14.366	20.55	

13161 9.5 2 7013 +0.0072 +17.335 +0.191 28°4280

77. 9.27	3	21 59 15.643	28 53 27.19	†

13162 9.0 2 6987 +0.0073 +17.338 +0.191 28°4281

82.10.23	3	21 59 19.658	29 4 23.25	†

13163 9.3 2.7184 +0 0069 +17.339 +0.192 27°4250

78.10.12	2	21 59 20.566	27 46 34.86	s. f. of 2
93. 9.11	7	20.693	34.29	s. f. of 2
93. 9 12	7	20.574	35.90	Z.C. Ep. 88. 7

13164 9.5 2.7281 +0.0067 +17.340 +0.193 27°4249

81.10 27	3	21 59 22.542	27 7 42.69	†

13165 9.1 2.6947 +0.0073 +17.341 +0.190 29°4576

73. 9.26	3	21 59 23 632	29 20 58.11	
77.10. 4	3	23.696	56.09	
92.10. 1	7	23.650	57.48	

13166 Not found on revision: not found on Oxford photograph 92.9.24. Z.C. 1′ wrong: see appendix 13166^{a}

13167 8.8 2.7584 +0.0060 +17.343 +0.195 24°4526

74.11. 9	3	21 59 25.885	25 3 17.16	
75. 9.30	3	26.011	18.24	
75.10 25	3	25.986	16.90	
79.10. 6	3	26.004	17.82	
79.10. 7	2	26.024	17.56	
79.11. 5	3	26.053	17.46	

13168 6.2 2.7440 +0.0063 +17.344 +0.193 25°4671

74.10. 7	2	21 59 27.618	26 3 58.16	Z.C. δ $58''.3$ bad
77. 9.28	1	27.552	58.40	
78.10. 8	3	27.464	57.83	
79. 9.29	3	27.608	58 07	
79.10. 3	3	27.406	59.00	

13169 8.4 2.6963 +0.0073 +17.346 +0.190 29°4578

78.10.18	2	21 59 31.295	29 15 42.66	
84.10.14	5	31.163	42.66	
84.10.24	5	31.106	42.50	
84.10.29	5	31.186	42.76	

13170 9.5 2.7116 +0.0070 +17.348 +0.191 28°4282

81.10.31	3	21 59 33.311	28 15 46.04	
82.10.25	3	33.197	46.40	

13171	$9^m.5$	$2^s.7113$	$+0^s.0070$	$+17''.348$	$+0''.191$	— —
82.10.25	1	$21^h 59^m 33^s.398$	$28^\circ 16' 57''.91$			†
13172	9.5	2.7017	+0.0073	+17.354	+0.190	$28^\circ 4283$
73. 9.11	3	21 59 41.740	28 56 41.34			Z.C. $\delta\,41''.0$
74.10.28	2	41.539	41.32			
77. 9.27	3	41.579	39.82			
90.10.18	7	41.892	41.34			
13173	9.4	2.6896	+0.0075	+17.357	+0.189	$29^\circ 4579$
72.10.16	3	21 59 46 062	29 44 43.67			
88.10.22	7	45.917	43.22			v. ft.
13174	9.0	2.7237	+0.0068	+17.358	+0.192	$27^\circ 4251$
72. 9. 6	3	21 59 46.824	27 29 58.77			
72.10. 3	2	46.830	59.29			
13175	5.9	2.7112	+0.0071	+17.364	+0.191	$28^\circ 4284$
74.10.28	3	21 59 54.918	28 21 26.13			
77.10. 2	3	54.947	26.41			
84.11. 3	5	54.843	24.14			
13176	9.2	2.7102	+0.0071	+17.364	+0.191	$28^\circ 4285$
80. 9.27	3	21 59 55.503	28 25 29.83			
80.10.11	3	55.644	29.12			
80.10.30	3	55.624	27.03			
80.11. 1	3	55.551	26.23			
84.11.10	7	55.623	27.65			
13177	9.0	2.7592	+0.0060	+17.367	+0.194	$25^\circ 4672$
79.10. 7	2	21 59 59.370	25 5 55.61			
79.11. 5	3	59.410	55.21			
79.11. 6	3	59.427	54.77			
80 10.11	1	59.537	56.92			clds.
80 11. 3	2	59.533	54.86			
80.11. 8	2	59.211	55.15			
13178	7.6	2.6975	+0.0074	+17.373	+0.189	$29^\circ 4582$
73. 9.26	2	22 0 7.095	29 17 59.48			d. l.
76. 9.19	3	7.067	58.83			d. l. f.
79.10. 6	2	7.032	58.70			d. l. f.
13179	8.0	2.7268	+0.0068	+17.376	+0.191	$27^\circ 4252$
79.11. 7	3	22 0 12.340	27 21 57.25			Z.C. $\delta\,57''.5$
83. 9.17	3	12.067	58.03			
83. 9.18	3	12.332	57.23			
13180	9.2	2.7258	+0.0069	+17.378	+0.191	$27^\circ 4253$
84. 9.25	5	22 0 14.073	27 26 6.87			
87.10.31	7	14.069	6.73			
13181	9.4	2.6831	+0.0077	+17.381	+0.187	$30^\circ 4608$
86.10. 5	5	22 0 18.962	30 15 58.13			
90.11. 1	5	18.799	59.21			
13182	8.5	2.7430	+0.0065	+17.394	+0.191	$26^\circ 4348$
72. 8.29	3	22 0 36.807	26 19 46.77			Z.C. $\delta\,46''.0$
72. 9.17	3	36.679	46.56			
74.10. 3	3	36.630	45.91			
75.10. 2	3	36.776	45.35			
76.10.13	3	36.674	45.71			
77. 9.26	3	36.601	45.81			
13183	$9^m.1$	$2^s.7482$	$+0^s.0064$	$+17''.396$	$+0''.192$	$25^\circ 4673$
84.10.16	5	$22^h 0^m 38^s.933$	$25^\circ 58' 37''.25$			
84.10.22	7	38.992	36.46			
13184	8.3	2.6895	+0.0077	+17.407	+0.187	$29^\circ 4585$
78.10.18	2	22 0 54.649	29 57 47.77			
92.10.10	6	54.558	49.50			
13185	9.0	2.7015	+0.0074	+17.407	+0.188	$29^\circ 4584$
72.10.16	3	22 0 54.918	29 11 26.80			
73. 9.12	3	54.726	26.94			
79.10. 7	2	54.878	25.21			
80.10. 2	3	55.012	25.39			
13186	8.6	2.7103	+0.0073	+17.409	+0.189	$28^\circ 4289$
74.10.28	3	22 0 57.424	28 36 26.92			Z.C. $\delta\,27''.1$
77. 9.27	3	57.451	27.31			
13187	8.0	2.6842	+0.0078	+17.409	+0.187	$30^\circ 4614$
92.10.11	7	22 0 57.982	30 19 14.47			
92.10.12	7	57.893	15.10			
13188	8.2	2.7239	+0.0070	+17.413	+0.189	$27^\circ 4255$
72.10. 3	3	22 1 3.425	27 42 34.37			
78.10.12	3	3.071	35.71			
93. 9. 7	5	3.201	33.59			
13189	9.4	2.7127	+0.0073	+17.416	+0.188	$28^\circ 4290$
84.10. 4	5	22 1 6.073	28 28 14.46			
87.10.25	5	6.256	14.42			
13190	9.2	2.7172	+0.0072	+17.417	+0.189	$28^\circ 4291$
84.10.14	3	22 1 8.628	28 10 56.20			
86.11.18	5	8.960	57.38			
13191	8.7	2.7598	+0.0062	+17.419	+0.192	$25^\circ 4675$
79.10 7	2	22 1 11.062	25 14 40.14			
79.11. 6	3	11.057	40.30			
79.11. 7	3	10.965	41.24			
80. 9.27	3	10.967	39.89			
80.11. 1	3	10.964	39.63			
80.11. 3	3	10.882	39.63			
13192	7.8	2.7491	+0.0064	+17.422	+0.191	$25^\circ 4676$
74.10. 7	3	22 1 14.693	26 0 48.87			Z.C. $\delta\,49''.0$
77. 9.28	3	14.735	49.17			
80.11. 4	3	14.617	49.08			
13193	8.7	2.7303	+0.0069	+17.426	+0.189	$27^\circ 4256$
80.11. 8	3	22 1 20.494	27 19 34.23			
81 10.11	3	20.041	33.99			
81.10.20	3	20.145	34.75			
82.10. 3	3	20.169	35.41			
13194	8.5	2.7433	+0.0066	+17.426	+0.190	$26^\circ 4350$
72. 8.29	3	22 1 20.328	26 25 53.73			Z.C. $\delta\,52''.7$
74.10 3	3	20.318	51.87			
77.10. 3	3	20.287	53.47			
86.11.17	7	20.316	51.87			
87.11. 2	5	20.438	52.67			
13195	9.3	2.7310	+0.0069	+17.432	+0.189	— —
86.11. 1	7	22 1 29.326	27 18 16.67			Z.C. $\delta\,17''.1$
87.10.21	7	29.333	16.80			$+10^s$
93.10.18	7	29.064	17.94			

13196 $7^{m}.2$ $2^{s}.6952$ $+0^{s}.0077$ $+17''.432$ $+0''.187$ 29°4586

73. 9.26	3	22^{h}	1^{m}	$29^{s}.636$	29°	42′	$31''.80$	Z.C. δ $31''.8$
83. 9.24	3			29.720			31.76	

13197 9.1 2.6947 +0.0077 +17.435 +0.187 29°4587

84.10.24	5	22	1	32.633	29	44	42.32	
84.10.29	5			32.454			42.22	

13198 9.5 2.6912 +0.0078 +17.435 +0.186 29°4588

88.10.20	5	22	1	33.309	29	58	51.01	† v.ft.

13199 9.2 2.6901 +0.0078 +17.436 +0.186 29°4589

79.11. 5	3	22	1	34.554	30	3	16.27	Z.C. δ $17''.2$
83. 9.17	4			34.442			17.68	
83. 9.26	3			34.545			17.72	

13200 8.8 2.7344 +0.0068 +17.438 +0.189 26°4351

72 9.17	3	22	1	36 691	27	5	42.87	
76.10.13	3			36.799			41.92	
77. 9.26	3			36.794			42.40	

13201 9.3 2.7320 +0.0069 +17.441 +0.189 27°4257

88.10.19	7	22	1	42 005	27	16	34.72	
93.10. 4	7			41.777			29.54	

13202 8.3 2.7642 +0.0062 +17.442 +0.191 24°4536

79.11. 6	3	22	1	42.988	25	1	36.04	Z.C. δ $35''.8$
80.11. 3	3			43.029			36.61	
83. 9.25	3			43.021			34.68	+ 5′

13203 8.9 2.7240 +0.0071 +17.442 +0.188 27°4258

82.10.18	3	22	1	43.175	27	49	54.86	
83. 9.20	3			43.090			54.35	
83. 9.26	2			42.939			54.41	

13204 8.9 2.7164 +0.0073 +17.446 +0.188 28°4293

74.10.28	3	22	1	47.849	28	21	10.99	
82.10. 3	3			47.734			10.98	

13205 9.4 2.6967 +0.0077 +17.446 +0.187 29°4590

83 9.18	3	22	1	48.090	29	39	57.00	Z.C. δ $57''.1$
83. 9.24	2			48 010			57.28	

13206 8.6 2.7545 +0.0064 +17.451 +0.190 25°4677

78.10. 8	3	22	1	55.644	25	45	1.37	Z.C. δ $1''.8$
80.11. 8	3			55.679			2.03	
83. 9.18	2			55.450			2.25	
83. 9.20	3			55.565			1.43	

13207 8.8 2.7270 +0.0071 +17.451 +0.188 27°4260

80. 9.27	3	22	1	55.664	27	39	27.27	
92.10. 7	7			55.691			27.11	

13208 9.3 2.7295 +0.0070 +17.459 +0.188 27°4261

85.11.17	5	22	2	6.828	27	31	20.53	Z.C. α $6^{s}.62$
87.10.19							20.53	α rejected
93 10.30	7			6.411			22.87	s. of 2

13209 9.5 2.6936 +0.0078 +17.463 +0.186 29°4591

72.10.16	3	22	2	12.710	29	56	42.81	
93. 9. 5	7			12.199			42.56	n.f. of 2
95. 9.25	7			12.295			42.01	n. of 2
95. 9.26	7			12.190			39.76	

13210 $9^{m}.4$ $2^{s}.7636$ $+0^{s}.0062$ $+17''.464$ $+0''.191$ 25°4680

86.10. 5	5	22^{h}	2^{m}	$13^{s}.175$	25°	9′	$13''.02$	
93.11.13	6			12.672			12.53	

13211 8.6 2.7461 +0.0067 +17.467 +0.189 26°4352

72. 9.26	2	22	2	18.242	26	24	10.01	Z.C. δ $10''.6$
75 10. 2	3			18.159			9.98	
77. 9.26	3			18.111			11.20	
77.10. 3	3			18.296			11.37	

13212 9.3 2.7014 +0.0077 +17.471 +0.186 29°4592

73. 9.12	3	22	2	23.643	29	27	58.95	Z.C. δ $58''.4$
78.11. 2	1			23.547			59.00	
81.10.11	3			23.722			58.08	
82.10.25	3			23.619			58.28	ft.
83. 9.25	1			23.762			57.47	

13213 8.7 2.7280 +0.0071 +17.472 +0.188 27°4262

72.10. 3	3	22	2	25.010	27	40	34.39	
78.10.12	2			24.853			33.12	
79.10. 7	2			24.765			34.05	
79.10.21	3			24.934			35.30	

13214 7.8 2.7074 +0.0076 +17.473 +0.186 28°4295

77. 9.27	2	22	2	25.722	29	4	26.39	Z.C. δ $25''.6$
79.10. 6	3			25.488			24.89	

13215 7.0 2.7674 +0.0062 +17.477 +0.190 24°4540

73.10.30	1	22	2	31.255	24	56	2.82	Z.C. δ $2''.2$
73.11. 1	1			31.124			1.69	
74.10. 7	3			31.152			2.28	
77.11. 5	2			31.140			2.07	

13216 9.0 2.7323 +0.0070 +17.483 +0.188 27°4263

79 11. 6	2	22	2	39.667	27	26	3.25	Z.C. α $39^{s}.83$
79.11. 7	3			39.803			4.13	
79.11.12	3			39.915			2.64	
79.11.13	2			39.740			3.22	
79.11.14	3			39.928			2.83	
81.10.31	3			39.964			1.75	
83. 9.17	3			39.777			5.07	

13217 8.9 2.7402 +0.0068 +17.486 +0.188 26°4354

72. 8.29	2	22	2	44.345	26	53	47.65	
72. 9.17	3			44.175			47.79	
74.10. 3	3			44.193			47.47	

13218 9.0 2.7224 +0.0072 +17.486 +0.187 28°4297

72.10.14	3	22	2	44.401	28	7	26.91	
74.10. 2	3			44.490			28.09	
74.10.28	2			44.277			28.44	

13219 8.6 2.7315 +0.0070 +17.493 +0.188 27°4265

79.11. 5	3	22	2	54.765	27	32	4.28	
80.11. 3	2			54.890			4.04	
80.11. 8	3			54.859			4.49	

13220 9.2 2.7160 +0.0074 +17.494 +0.186 28°4298

86.10.23	5	22	2	55.762	28	35	39.71	†

13221 9.0 2.7153 +0.0075 +17.501 +0.186 28°4299

73. 9.11	1	22	3	5.918	28	40	15.94	
74.11. 7	3			5.620			15.50	
76.10.14	3			5.568			15.64	

13222 9^{m}.1 2^{s}.7269 +0^{s}.0072 +17″.506 +0″.187 27°4266

72. 8.31	1	22^{h}	3^{m}	12^{s}.920	27°	54′	13″.57	
80.10.30	3			13.060			14.35	

13223 9.2 2 7332 +0.0071 +17.509 +0.187 27°4267

81.10.20	3	22	3	16.237	27	28	24.85	
84.10.14	5			16.264			24.32	

13224 9.0 2.7318 +0.0071 +17.513 +0.187 27°4268

79.10.21	1	22	3	22.778	27	35	53.25	Z.C. δ 53″.5
80.11. 3	2			22.829			53.08	
83. 9.17	1			22.714			53.89	
83. 9.18	1			22.653			54.09	
86.11.18	5			22.841			53.07	

13225 9.3 2.6979 +0.0079 +17.517 +0.184 29°4594

84.10.24	5	22	3	28.236	29	54	20.84	†

13226 9.0 2.7411 +0.0070 +17.521 +0.187 26°4356

73 10.14	3	22	3	34.160	26	58	62.12	
74.10. 3	3			34.141			61.10	
75.10. 2	3			33.969			59.76	

13227 9.0 2.7341 +0.0071 +17.522 +0.186 27°4270

76.10.16	3	22	3	34.093	27	28	1.87	Z.C. Ep. 80.3
79.10. 7	2			34.170			0.83	
79.11. 5	2			34.184			1.61	
80.11. 8	3			34.195			1.00	
81.10.11	3			34.103			1.14	
82.10. 3	3			34.223			1.68	

13228 9.1 2.6930 +0.0080 +17.523 +0.183 30°4617 A

85.11.18	7	22	3	35.605	30	15	29.25	† v. ft.

2 stars near B.D. place: see appendix 13228 and 13228^{a}.

13229 9.3 2.7562 +0.0066 +17.524 +0.188 25°4681

73.10.30	1	22	3	38.066	25	55	58.19	
73.11. 1	1			38.167			57.63	
74.11. 9	3			38.078			58.12	
75.10.25	3			38.087			57.80	
76.10.10	3			38.124			56.83	
77. 9.28	3			37.986			57.39	

13230 9.5 2.7049 +0.0078 +17 528 +0.184 — —

73. 9.26	3	22	3	43.615	29	29	10.02	†

13231 8.9 2.7533 +0.0067 +17.529 +0.187 26°4358

72. 9.17	3	22	3	44.350	26	9	21.63	
75.10. 2	3			44.428			19.56	
75.11. 8	3			44.341			20.38	
77. 9.26	3			44.363			20.85	
77.10. 3	3			44.406			21.85	

13232 8.8 2.6986 +0.0079 +17.532 +0.183 29°4595

72.10.16	3	22	3	49.114	29	55	32.18	
73. 9.12	3			48.944			31.34	
76.10.21	3			49.245			30.15	
77. 9.21	3			49.152			29.91	
77.10. 4	3			49.000			29.52	
78.10.18	3			49.127			31.08	

13233 9.2 2.6966 +0.0080 +17.536 +0.183 29°4596

84.11.10	7	22	3	54.453	30	4	26.24	†

13234 9^{m}.0 2^{s}.7314 +0^{s}.0072 +17″.538 +0″.185 27°4271

72 9. 6	2	22^{h}	3^{m}	57^{s}.377	27°	44′	5″.97	
72. 9 26	3			57.271			6.34	
72.10. 3	3			57.362			6.31	
75.10. 5	3			57.311			4.58	

13235 9.2 2.7312 +0.0072 +17.545 +0.185 27°4272

85.11.17	7	22	4	6.765	27	46	3.78	†

13236 9.2 2.7016 +0.0080 +17.560 +0.183 29°4599

73. 9.26	2	22	4	28.926	29	51	20.53	– 1 int.
74. 9.26	3			28.721			20.10	
78.11. 2	3			28.907			20.60	
80.10.11	3			28.926			20.67	

13237 9.3 2.7337 +0.0073 +17.567 +0.185 27°4274

72.10. 3	2	22	4	38.665	27	41	44.76	Z.C. δ 43″.1
78.10.12	3			38.673			43.59	
79.10. 6	3			38.589			42.22	
79.10. 6	2			38.579			43.45	
79.11. 7	3			38.554			44.34	
79.11.12	3			38.783			42.90	
79.11.14	3			38.711			42.36	
80.10.30	3			38.796			43.42	
80.11. 1	3			38.762			40.99	

13238 8.5 2.7361 +0.0072 +17.568 +0.185 27°4275

75.11. 4	3	22	4	40.255	27	32	7.97	
76.10.16	3			40.276			7.27	
79. 9.29	3			40.096			6.44	
79.11.14	1			40.209			7.43	
80.11. 3	3			40.227			6.87	

13239 8.7 2.7239 +0.0075 +17.575 +0.184 28°4304

72.10.14	3	22	4	49.144	28	24	55.11	
74.10. 2	3			48.984			54.52	
77. 9.27	3			49.100			55.13	
77.10. 2	3			49.043			55.04	

13240 9.1 2.7036 +0.0079 +17.575 +0.182 29°4600

72.10.16	2	22	4	49.523	29	47	20.72	
73. 9.12	3			49.510			20.49	
74. 9.26	1			49.601			19.46	
80.10.11	3			49.483			20.04	
86.11.18	5			49.588			19.36	

13241 9.3 2.7005 +0.0080 +17.576 +0.182 29°4601

78.10.18	3	22	4	50.864	30	0	8.51	v. ft.
80. 9.27	3			50.968			9.85	

13242 8.2 2.6976 +0.0081 +17.576 +0.182 30°4623

76 10.21	3	22	4	51.938	30	11	57.39	
77. 9.21	3			51.702			56.91	
77.10. 4	3			51.721			56.58	

13243 9.0 2.7588 +0.0067 +17.576 +0.186 25°4683

73.10.30	3	22	4	51.963	25	57	47.49	
73.11. 1	3			51.884			46.03	
74.10. 7	3			51.784			46.54	
74.11. 9	3			51.862			47.18	
77.11. 5	3			51.702			46.73	

13244 $8^{m}.8$ $2^{s}.7223$ $+0^{s}.0076$ $+17''.581$ $+0''.183$ 28°4305

74.10.28	3	22^{h}	4^{m}	$57^{s}.656$	28°	$33'$	$9''.44$	
74.11. 7	3			57.640			7.18	
76.10.14	3			57.735			7.65	

13245 9.1 2.7105 +0.0078 +17.583 +0.183 29°4602

77.10. 4	2	22	5	1.064	29	21	45.09	Z.C.δ45″3
79 10.21	3			1.023			44.95	
79.11.13	3			1.168			45.27	
80.11. 4	1			1.339			45.80	
81.10.11	3			1.074			44.33	
83. 9.18	1			1.078			46.46	

13246 8.5 2.7700 +0.0065 +17.588 +0.187 25°4684

74.11. 9	3	22	5	8.038	25	11	60.56	Z.C.δ0″1
75.10.25	3			8.028			59.48	
76.10.10	3			8.073			60.02	−30′
77. 9.28	3			8.043			60.36	

13247 9.4 2.7496 +0.0070 +17.589 +0.185 26°4360

77.10. 3	3	22	5	9.587	26	40	30.69	†Z.C.δ30″7

13248 6.5 2.7026 +0.0080 +17.591 +0.182 29°4604

77.11.17	2	22	5	12.935	29	56	19.73	Z.C.δ18″5
79.10. 7	3			13.090			18.17	
80.11. 1	3			13.065			16.56	
83. 9.20	4			12.954			19.39	

13249 9.4 2.7132 +0.0078 +17.591 +0.183 29°4603

73. 9.12	1	22	5	13.047	29	13	1.45	†Z.C.Ep.73.7

13250 8.5 2.7161 +0.0077 +17.593 +0 183 28°4307

72.10.14	3	22	5	15.441	29	1	39.75	Z.C.δ40″4
73. 9.11	3			15.504			40.55	
77. 9.27	3			15.304			40.92	

13251 9.2 2.7198 +0.0077 +17.594 +0.183 28°4308

74.11. 7	2	22	5	16.650	28	46	54.62	
77.10. 2	3			16.536			55.28	

13252 9.0 2.7497 +0.0070 +17.594 +0.185 26°4361

72. 8.29	3	22	5	17.033	26	41	21.38	
72. 9.17	3			16.855			22.10	−1′
75.10 2	3			17.060			20.85	
77. 9.26	3			16.971			21.85	
77.10. 3	3			16.997			22.78	

13253 9.0 2.7477 +0.0071 +17.597 +0.185 26°4362

73.10.14	3	22	5	21.621	26	50	38.60	
75.11. 8	3			21.678			37.98	
76.10.17	3			21.638			37.55	
77.10.15	3			21.698			35.78	

13254 9.0 2.7053 +0.0080 +17.598 +0.182 29°4605

77. 9.21	2	22	5	22.644	29	47	8.33	§s.p.of 2 + 10^{s}
92.10. 7	4			22.762			9.24	s.p. of 2
92.10.10	7			22.905			8.60	s.p. of 2

13255 8.7 2.7530 +0.0069 +17.599 +0.185 26°4363

73.10.14	2	22	5	23.888	26	28	33.65	Z.C. α $23^{s}.80$
77.10. 8	3			23.733			32.87	
77.10. 8	3			23.733			33.95	
79.11. 6	3			23.479			33.15	
79.11.12	3			23.868			32.68	
80.10.30	2			23.873			32.37	
82.10.18	3			24.010			32.42	

13256 $9^{m}.1$ $2^{s}.7594$ $+0^{s}.0067$ $+17''.599$ $+0''.185$ 25°4685

74.11. 9	1	22^{h}	5^{m}	$23^{s}.862$	26°	$0'$	$41''.76$	Z.C.δ41″8
77.11. 5	3			24.052			42.02	
79.11. 7	2			24.176			42.31	
80.11. 8	3			24.326			41.64	
81.10 31	3			24.089			41.35	

13257 7.2 2.7442 +0.0071 +17.604 +0.184 27°4276

72. 8.31	3	22	5	31.222	27	7	16.75	
72. 9. 6	3			31.176			18.73	+1′
72. 9 26	3			31.143			18.73	
75.10. 5	3			31.105			17.16	
76.10.16	2			31.115			17.76	

13258 7.2 2.7231 +0.0077 +17.611 +0.182 28°4309

76.10.14	2	22	5	42.020	28	38	22.68	
84.10. 4	5			41.945			21.68	

13259 9.3 2.7212 +0.0077 +17.612 +0.182 28°4310

74.10. 2	3	22	5	43.479	28	46	42.05	Z.C.δ42″1
77.10.16	1			43.457			42.55	
78.10.12	3			43.248			41.81	

13260 8.9 2.7337 +0.0074 +17.617 +0.183 27°4279

72. 8.31	1	22	5	49.337	27	55	16.18	Z.C.δ15″3
72. 9.26	2			49.321			15.34	
75.10. 5	2			49.134			14.82	
77. 9.24	1			49.197			14.96	

13261 8.5 2.7369 +0.0074 +17.617 +0.183 27°4278

75.11. 4	2	22	5	49.201	27	41	44.22	Z.C.δ43″9
77.10.18	2			49.327			44.50	
84.10.14	5			49.288			43.12	

13262 8.3 2.7518 +0.0070 +17.617 +0.184 26°4365

72. 8.29	3	22	5	50.498	26	38	33.60	
74.10. 3	3			50.277			34 68	
79. 9 29	3			50.296			33.25	
79.10. 6	2			50.526			34.16	
79.11. 5	3			50.193			33.71	
80.10.11	1			50.490			34.86	

13263 8.6 2.7675 +0.0066 +17.619 +0.185 25°4686

73.10.30	3	22	5	53.099	25	30	38.90	
73.11. 1	2			52.859			38.02	
74.10. 7	3			52.973			37.41	

13264 9.0 2.7479 +0.0071 +17.620 +0.184 26°4366

75.11. 8	3	22	5	55.023	26	55	56.40	
76.10.17	3			54.732			57.07	

13265 9.3 2.7282 +0.0076 +17.621 +0.182 28°4311

74.10.28	2	22	5	55.752	28	19	35.61	Z.C.δ34″8
77.10.26	1			55.846			34.47	ex. ft.
79.10. 7	3			55.841			34.63	
79 10.21	3			55.746			34.32	
79.11.13	3			55.794			34.82	

13266 9.4 2.7754 +0.0065 +17.629 +0.185 24°4547

81.11.10	3	22	6	7.610	24	58	9.06	†

13267 $8^{m}.0$ $2^{s}.7696$ $+0^{s}.0066$ $+17''.633$ $+0''.185$ $25^{\circ}4689$

74.11. 9	1	22^{h}	6^{m}	$12^{s}.944$	25°	$25'$	$2''.96$	
75.10.25	3			12.894			3.39	
77. 9.28	3			12.942			3.44	
86.10.23	5			12.773			4.88	

13268 9.3 2.7639 +0.0068 +17.638 +0.184 $25^{\circ}4690$

74.10. 7	3	22	6	20.411	25	51	34.25	Z.C. $\delta\,34''.0$
76.10.10	3			20.483			33.60	
77.11. 5.	1			20.162			34.23	

13269 8.7 2.7277 +0.0077 +17.640 +0.182 $28^{\circ}4312$

72.10.22	2	22	6	22.755	28	26	46.79	
73. 9.11	3			22.634			45.85	
73. 9.18	3			22.880			45.66	
77.10. 2	3			22.715			45.50	

13270 9.5 2.7491 +0.0071 +17.644 +0.183 $26^{\circ}4370$

77.10.15	2	22	6	28.251	26	57	9.83	† Z.C. $\delta\,9''.8$

13271 8.3 2.7780 +0.0065 +17.648 +0.185 $24^{\circ}4550$

81.11.10	3	22	6	34.825	24	51	59.57	
84.10.16	7			34.837			60.70	
84.10.22	5			34.793			59.92	

13272 8.7 2.7546 +0.0070 +17.650 +0.183 $26^{\circ}4371$

72. 9.17	3	22	6	36.666	26	35	8.73	
73.10.14	3			36.686			7.57	
76.10.13	3			36.819			8.58	
77. 9.26	3			36.811			8.77	

13273 9.2 2.7031 +0.0082 +17.650 +0.180 $30^{\circ}4635$

92.10.17	5	22	6	37.754	30	10	60.19	
92.10.18	3			37.896			59.71	

13274 9.4 2.7253 +0.0078 +17.653 +0.181 $28^{\circ}4314$

72.10.14	3	22	6	41.269	28	40	11.49	†

13275 9.4 2.7596 +0.0069 +17.656 +0.183 — —

81.10.31	3	22	6	45.946	26	14	56.46	†

13276 8.7 2.7591 +0.0070 +17.659 +0.183 $26^{\circ}4373$

72. 8.29	2	22	6	51.329	26	18	4.20	
74.10. 3	3			51.136			4.79	-10^{s}
76.10.17	2			51.204			3.69	− 1 int.
77.10. 3	3			51.240			5.05	

13277 8.2 2.7128 +0.0081 +17.664 +0.179 $29^{\circ}4607$

75.10.13	2	22	6	57.734	29	35	32.35	
76.10.18	3			57.641			31.99	
76.10.21	3			57.903			32.98	

13278 9.4 2 7791 +0.0065 +17.667 +0.184 $24^{\circ}4551$

81.10.25	3	22	7	1.710	24	51	37.59	
84.10 24	5			1.932			35.65	
84.11.10	5			1.872			34.52	

13279 9.0 2.7240 +0.0079 +17.674 +0.180 $28^{\circ}4316$

74.10. 2	3	22	7	11.865	28	51	54.43	
74.11. 7	3			11.761			53.99	

13280 $9^{m}.0$ $2^{s}.7114$ $+0^{s}.0081$ $+17''.676$ $+0''.179$ $29^{\circ}4608$

73. 9.26	3	22^{h}	7^{m}	$15^{s}.494$	29°	$44'$	$54''.92$	
74. 9.26	3			15.617			55.63	
77.10. 4	3			15.600			54.79	
77.11.17	3			15.714			54.59	
79.10. 3	3			15.644			55.15	
79.10. 7	3			15.436			55.15	
79.11. 6	3			15.687			55.24	
79.11. 7	3			15.639			55.23	
79.11.13	3			15.588			54.94	
79.11.14	3			15.538			54.73	
80.10.30	3			15.668			55.86	
80.11. 3	3			15.677			53.27	

13281 9.0 2.7034 +0.0083 +17.678 +0.178 $30^{\circ}4641$

92.10. 7	5	22	7	17.214	30	17	36.24	
92.10.10	4			17.470			35.25	

13282 9.3 2.7573 +0.0071 +17.679 +0.182 $26^{\circ}4377$

76.10.13	1	22	7	19.316	26	30	60.73	
85.11.17	5			19.481			58.55	

13283 6.8 2.7738 +0.0067 +17.683 +0.183 $25^{\circ}4691$

73.10.30	3	22	7	24.658	25	19	39.91	Z.C. $\alpha\,24^{s}.69$
73.11. 1	3			24.719			40.47	
74.11. 9	2			24.651			39.77	$+5'$
75. 9.30	3			24.847			40.04	
75 10.25	3			24.566			40.11	
76.10.10	3			24.713			39.49	

13284 8.7 2.7031 +0.0083 +17.683 +0.178 $30^{\circ}4644$

93. 9. 5	7	22	7	25.230	30	20	39.52	
93. 9. 7	7			25.244			39.30	

13285 9.0 2.7573 +0.0071 +17.684 +0.182 $26^{\circ}4378$

73.10.14	1	22	7	27.066	26	32	28.76	
84.10. 4	5			27.023			27.28	
86.11. 1	7			27.149			26.19	
88 10.23	5			27.133			27.98	

13286 7.5 2.7551 +0.0072 +17.685 +0.182 $26^{\circ}4379$

73. 9.29	3	22	7	28.600	26	42	9.75	
75.10. 2	3			28.576			7.42	
75.11. 8	3			28.662			6.71	
77. 9.26	3			28.426			8.13	
80.11. 8	3			28.522			7.18	
80.11. 8	1			28.512			7.51	

13287 8.5 2.7209 +0.0080 +17.688 +0.179 $29^{\circ}4609$

73. 9.12	3	22	7	32.236	29	8	37.41	
78.11. 2	3			32.310			36.17	
79. 9.29	3			32.268			35.38	
79.10. 3	3			32 317			36.49	
79.10. 6	3			32.419			36.45	
79.10.21	3			32.194			35.85	
79.11.12	3			32.448			36.17	
79.11.13	3			32.195			36.77	
79.11.15	3			32.335			35.88	
79.11.15	2			32.495			36.24	
80. 9.27	3			32.207			36.34	
80.10.30	1			32.237			35.85	
80.11. 1	3			32.456			33.51	
82.10.18	2			32.595			35.05	

13288 $8^{m}5$ $2^{s}7287$ $+0^{s}0078$ +17″688 +0″180 28°4318

73. 9.11	3	22^{h}	7^{m}	$33^{s}112$	28°	36′	33″90	Z.C. δ 34″5
76.10.14	3			32.970			34.49	
77. 9.27	3			32.949			33.94	
77.10. 2	3			33.049			34.72	
77.10. 5	3			33.011			34.52	
77.10.26	3			32.953			35.60	w. 5.6 – 10^{s}

13289 8.8 2 7056 +0.0083 +17.691 +0.178 30°4647

92.10.22	7	22	7	36.178	30	12	37.45	Z.C. δ 37″9
92.11. 3	7			36.240			38.30	

13290 9.2 2.7142 +0.0081 +17.691 +0.179 29°4610

72.10.16	3	22	7	37.246	29	37	42.08	†
76.10.21	3			37.385			40.42	
77. 9.21	3			37.340			40.77	B + 50″
78.10.26	3			37.203			41.89	

13291 10.0 2.7141 +0.0082 +17.695 +0.179 — —

73. 9.26	3	22	7	42.296	29	39	$\dot{0}$.06	†

13292 6.4 2.7384 +0.0076 +17.703 +0.180 27°4280

72. 9. 6	3	22	7	55.110	27	59	22.96	
72. 9.26	3			55.026			22.12	
72.10. 3	3			55.106			23.57	
73. 9.17	3			54.954			23.42	
75.10. 5	3			55.014			22.33	
75.11. 4	3			55.081			23.34	
76.10.16	3			55.021			22.68	
77. 9.12	3			55.128			21.70	
77.10.18	3			55.063			22.51	
78.10.12	3			55.123			21.75	
78.10.12	3			55.253			21.92	

13293 9.5 2.7791 +0.0066 +17.704 +0.183 24°4555

85.11.16	5	22	7	55.313	25	1	29.86	†

13294 8.9 2.7593 +0 0071 +17.708 +0.181 26°4382

72. 9.17	2	22	8	1.276	26	30	17.72	
84.10.14	7			1.304			16.80	ex. ft. – 1′.
93.10. 4	7			1.267			13.52	
93.10.30	7			1.110			15.22	

13295 9.5 2.7454 +0.0075 +17.709 +0.180 27°4281

80.10. 2	3	22	8	3.342	27	31	15.74	†

13296 8.7 2.7105 +0.0083 +17.712 +0.178 29°4611

75.10.21	3	22	8	7.899	29	59	4.99	
77.10. 4	3			7.913			5.04	
77.11.17	3			8.023			4.50	
78.10.18	3			7.891			6.44	

13297 9.1 2.7353 +0.0077 +17.712 +0.180 28°4322

72.10.14	3	22	8	8.279	28	15	15.98	
72.10.22	3			8.184			17.14	
87.10.11	7			8.322			15.95	

13298 9.4 2.7350 +0.0077 +17.713 +0.180 28°4323

74.10.28	3	22	8	8.553	28	16	42.81	† f. of 3

13299 9.5 2.7797 +0.0066 +17.716 +0.183 24°4557

90.11. 1	6	22	8	13.033	25	1	51.07	†

13300 $9^{m}5$ $2^{s}7793$ $+0^{s}0067$ +17″720 +0″182 24°4558

73.10.30	2	22^{h}	8^{m}	$18^{s}831$	25°	4′	31″24	Z.C. δ 31″0
75. 9.30	1			18.758			31.57	
77.10.17	1			18.959			30.24	

13301 8.3 2.7311 +0.0079 +17.726 +0.179 28°4325

73. 9.11	2	22	8	28.385	28	37	0.11	Z.C. δ 0″7
73. 9.18	3			28.330			1.24	
77. 9.27	3			28.427			0.74	
77.10.26	2			28.360			0.68	

13302 8.8 2.7440 +0.0076 +17.730 +0.179 27°4284

72. 9. 6	3	22	8	33.387	27	43	13.41	Z.C. δ 13″3
72. 9.26	3			33.400			12.65	
72.10. 3	3			33.409			14.45	
77. 9.24	3			33.369			12.73	

13303 9.0 2.7325 +0.0079 +17.739 +0.178 28°4326

72.10.14	3	22	8	46.807	28	34	60.14	
73. 9.18	3			46.592			60.98	
74.11. 7	3			46.733			59.72	

13304 9.0 2.7625 +0.0071 +17.740 +0.180 26°4385

72. 8.29	3	22	8	48.927	26	25	31.07	Z.C. δ 31″1
73.10.14	3			49.069			31.20	
77.10. 3	3			48.905			31.46	
79.10.21	3			48.968			30.65	

13305 7.3 2.7275 +0.0080 +17.743 +0.178 28°4327

72.10.22	3	22	8	52.901	28	57	13.36	c. d. m.
74.10. 2	3			52.770			15.58	c. d. p.
74.10.28	3			52.661			13.38	c. d. m.

13306 9.0 2.7103 +0.0084 +17.744 +0.177 30°4655

73. 9.12	3	22	8	54.823	30	9	27.89	Z.C. δ 27″6
73. 9.26	2			54.966			28.03	
76.10.21	3			55.091			26.87	
77. 9.21	3			54.918			27.81	
77.11.17	2			55.008			27.64	

13307 9.1 2.7820 +0.0067 +17.752 +0.181 24°4560

84.10.24	5	22	9	6.303	25	0	50.64	
84.10.29	7			6.266			50.64	

13308 8.5 2.7424 +0.0077 +17.757 +0.178 27°4285

72. 9. 6	2	22	9	13.870	27	57	57.97	
73. 9.17	3			13.847			58.93	
74. 9.18	3			13.996			59.17	
75.10. 5	3			13 968			59.30	
76.10.16	3			14.001			58.80	
77.10 18	3			14.157			58.19	

13309 8 9 2.7315 +0.0080 +17.762 +0.177 28°4330

76.10.14	3	22	9	20.413	28	45	36.72	Z.C. δ 38″2
77. 9.27	3			20.418			37.44	
77.10. 2	3			20.140			38.36	
77.10. 5	3			20.281			40.17	

13310 9.5 2.7822 +0.0067 +17.762 +0.181 — —

74.11. 9	3	22	9	20.677	25	2	34.64	v. ft.
77. 9.28	3			20.607			35.45	v. ft.
77 11. 5	3			20.806			35.48	Z.C. δ 35″2

13311 9^{m}3 2^{s}7684 +0^{s}0071 +17″762 +0″180 25°4694

92.10.17	7	$22^{h}\ 9^{m}21^{s}583$	26° 4′ 47″36	
93. 9. 5	1	21.463	48.41	

13312 9.2 2.7213 +0.0082 +17.763 +0.177 29°4614

84.10. 4	3	22 9 22.507	29 29 34.32	
84.11.10	7	22.319	33.12	
86 10.23	4	22.147	38.15	

13313 9.5 2.7564 +0.0074 +17.767 +0.179 26°4387

93.11. 9	1	22 9 28.087	26 59 34.86	
93.11.11	1	27.685	32.35	
93.11.13	6	27.767	37.08	

13314 9.2 2.7297 +0.0080 +17.767 +0.177 28°4332

74 10.28	3	22 9 28.528	28 55 26.89	Z.C.δ26″6
74.11. 7	3	28.641	25.78	
77.10.16	3	28.572	26.86	
88.10.23	4	28.884	27.01	

13315 9.3 2.7656 +0.0072 +17.773 +0.179 26°4388

76.10.17	3	22 9 36.859	26 20 17.87	
93 10.31	7	36.721	16.68	

13316 8.8 2.7657 +0.0072 +17.778 +0.179 26°4390

72. 8.29	3	22 9 44.977	26 21 25.80	
72. 9.17	3	44.929	25.25	
73.10.14	2	44.968	25.93	
75.11. 8	3	45.130	23.85	
76.10.17	3	44.959	24.74	
77. 9.26	3	44.930	25.77	
77.10. 3	3	44.942	26.00	
80.10.30	3	44.982	25.02	
85.11.16	5	44.981	26.36	

13317 9.2 2.7277 +0.0081 +17.779 +0.176 29°4617

84.10.16	6	22 9 45.754	29 7 4.40	
86.11.17	5	46.040	3.13	
86.11.18	5	45.958	3.35	
88.10.22	7	46.021	2.94	

13318 8.8 2.7822 +0.0068 +17.780 +0.180 25°4696

72.10. 8	3	22 9 48.151	25 7 40.83	
73.10.30	3	48.167	41.05	
73.11. 1	3	48.127	41.28	
76.10.10	3	48.220	41.03	

13319 8.8 2.7321 +0.0080 +17.783 +0.176 28°4334

73. 9.11	3	22 9 51.985	28 50 12.55	Z.C. δ 12″4
73. 9.18	3	51.998	12.63	
76.10.14	3	52.117	11.97	
77.10.16	3	51.977	12.32	

13320 9.5 2.7538 +0.0076 +17.785 +0.178 — —

77. 9.12	3	22 9 55.233	27 16 17.06	† ex. ft. Z.C.δ 17″1: Z.C. Ep. 77.7

13321 9.0 2.7549 +0.0076 +17.785 +0.178 27°4286

72.10. 3	3	22 9 56.114	27 11 55.88	Z.C.δ56″0
75 11. 4	3	55.922	55.59	
77. 9.24	3	55.906	56.60	

13322 9^{m}4 2^{s}7364 +0^{s}0080 +17″787 +0″177 28°4335

72.10.14	3	$21^{h}\ 9^{m}57^{s}952$	28° 32′ 22″38	Z.C.δ21″7
74.11. 7	3	57.786	21.83	
77.10.26	3	57.891	20.93	ex. ft.

13323 9.2 2.7512 +0.0077 +17.796 +0.177 27°4287

80.10. 2	3	21 10 11.799	27 30 48.22	
81.10.25	3	11.773	50.25	
81.11.10	3	11.758	48.06	

13324 9.5 2.7554 +0.0076 +17.808 +0.177 — —

73. 9.17	3	22 10 29.157	27 15 57.04	
90.10.14	4	29.821	56.54	
93.12. 2	3	29.305	53.34	v. ft.

13325 8.5 2.7772 +0.0070 +17.810 +0.178 25°4700

72.10. 8	3	22 10 32.253	25 38 59.29	
73.10.30	3	32.418	59.35	
74.11. 9	3	32.273	58.79	c. d. l.
75.10.25	3	32.367	59.21	
76.10.10	3	32.257	58.39	

13326 7.8 2.7257 +0.0083 +17.812 +0.175 29°4621

73. 9.12	3	22 10 34.699	29 25 35.68	
73. 9 26	3	34.827	36.04	
75.10 21	3	34.773	36.09	
76.10.18	3	34.857	34.57	ft.

13327 9.3 2.7265 +0.0083 +17.815 +0.175 29°4622

74. 9.26	3	22 10 39.714	29 22 56.69	
76.10.21	3	39.906	56.97	
77.10. 4	3	39.844	56.58	

13328 9.3 2.7272 +0.0083 +17.818 +0.175 29°4623

74. 9.26	2	22 10 43.665	29 20 43.83	Z.C.δ43″3
77.10. 4	2	43.753	42.71	

13329 6.6 2.7571 +0.0076 +17.818 +0.177 27°4288

72. 9. 6	3	22 10 44.523	27 10 53.64	
72. 9.26	3	44.521	53.81	
72.10. 3	3	44.637	54.15	
74. 9.18	3	44.431	54.11	
75.10. 5	3	44.478	53.85	
76 10.16	3	44.579	55.39	
77. 9.24	3	44.526	54.07	

13330 9.1 2.7687 +0.0073 +17.822 +0.178 26°4391

80.10.30	3	22 10 49.856	26 20 30.69	
84.10.14	7	49.988	30.08	clds.: ex. ft.

13331 7.0 2.7391 +0.0081 +17.826 +0.175 28°4337

72.10.22	3	22 10 56.467	28 32 59.62	Z.C. δ 58″9
73. 9.11	3	56.575	58.52	
74.10.28	3	56.532	59.39	
76.10.14	3	56.538	58.45	
77. 9.27	3	56.630	58.25	
77.10. 2	3	56.520	58.98	
77.10. 5	3	56.570	59.09	

13332 9.0 2.7569 +0.0076 +17.826 +0.177 27°4289

73. 9.17	3	22 10 57.058	27 14 36.86	
75.10. 5	3	57.179	35.17	
77.10 18	3	57.063	33.48	
78.10.12	3	57.223	36.27	

13333 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.7675$ $+0^{\mathrm{s}}.0073$ $+17''.829$ $+0''.177$ 26°4393

72. 9.17	3	$22^{\mathrm{h}}\,11^{\mathrm{m}}\,0^{\mathrm{s}}.870$	26° 27′ 49″.50	
73.10.14	3	0.956	50.14	
76.10.17	2	1.102	48 00	
77. 9.26	3	0.924	49.02	

13334 7.2 2.7267 +0.0084 +17.833 +0.174 29°4625

72.10.16	3	22 11 6.702	29 28 7.35	
73. 9.12	3	6.609	7.52	
75.10.21	3	6.801	6.86	
76.10.18	3	6.677	5.90	

13335 9.0 2.7613 +0 0075 +17.836 +0.177 26°4394

75 11. 8	1	22 11 11.564	26 57 47.06	Z.C. δ 47″.8
77.10. 3	3	11.363	49.66	
77.10.15	3	11.539	46.35	
86.11.17	1	11.410	48.19	

13336 8.1 2.7240 +0.0085 +17.841 +0.174 29°4626

73 9.26	3	22 11 18.382	29 41 59.45	Z.C. δ 59″.1
77. 9.21	3	18.606	59.09	
77.11.17	3	18.472	58.76	

13337 9.4 2.7815 +0.0070 +17.843 +0.177 25°4703

72.10. 8	3	22 11 21.843	25 28 18.30	Z.C. δ 17″.8
73.11. 1	3	21.579	17.91	
75. 9.30	2	21.799	18.23	
77. 9 28	3	21.668	17.75	
77.10.17	2	21.853	16.63	
77.11. 5	3	21.770	18.12	

13338 9.2 2.7257 +0.0085 +17.845 +0.174 29°4628

75.10.13	3	22 11 24.909	29 36 5.25	
78.10 18	2	24.878	3.49	
78.10.26	3	25.363	2.18	
84.10. 4	5	24.935	1.75	
84.10.24	7	25.146	1.38	
84.11.10	7	25.076	0.93	

13339 8.8 2.7554 +0 0078 +17.853 +0.175 27°4290

72. 9.26	2	22 11 36.113	27 29 3.03	
72.10. 3	3	36.258	2.53	
74. 9 18	3	36.108	2.17	
76.10.16	3	35.990	2.43	
77. 9.12	3	36.005	2.73	
77.10.18	2	36.143	1.67	
78.10.12	3	36.104	2.75	
80 10. 2	3	36.018	2.57	
81.10.25	3	36.053	3.79	
81.11.10	3	36.007	1.45	

13340 7.5 2.7784 +0.0072 +17.853 +0.177 25°4705

73.11. 1	3	22 11 36.735	25 45 44.74	
74.11. 9	3	36 838	44.33	
75.10.25	3	36.790	43.90	

13341 9.3 2.7463 +0.0080 +17.854 +0.175 28°4339

72.10.22	3	22 11 38.072	28 10 0.61	
92.10. 7	4	38.100	0.69	

13342 9.3 2.7706 +0.0074 +17.862 +0.176 26°4397

75.11. 8	3	22 11 50.076	26 23 58.13	†

13343 $8^{\mathrm{m}}.8$ $2^{\mathrm{s}}.7190$ $+0^{\mathrm{s}}.0088$ $+17''.868$ $+0''.173$ 30°4669

73 9.26	2	$22^{\mathrm{h}}\,11^{\mathrm{m}}\,59^{\mathrm{s}}.911$	30° 12′ 11″.28	
75 10.21	3	60 054	10.97	
76.10.21	3	60.001	9.74	
77.11.17	3	59.995	10.03	

13344 7.0 2.7721 +0.0074 +17.869 +0.176 26°4399

73. 9.29	3	22 12 0.433	26 18 46.65	
73. 9.29	2	0.393	46.97	B + 10″
76.10.13	3	0.425	45.06	
77. 9.26	3	0.568	45.10	
77.10. 3	3	0.457	46.29	
80.10.30	3	0.652	44.55	

13345 9.0 2.7651 +0.0075 +17.870 +0.175 26°4398

72. 8.29	3	22 12 1.571	26 50 52.19	
72. 9.17	3	1.630	51.62	
73.10.14	3	1.688	52.03	
79. 9.29	3	1.585	50.16	
79.10. 3	3	1.579	50.99	
79.10. 6	3	1.641	50.50	
79.10. 6	2	1.681	51.55	
79.11. 6	3	1.699	50.69	
79.11. 7	3	1.656	51.71	
79.11.12	3	1.645	50.21	
79.11.12	2	1.655	51.45	
79.11.13	3	1.590	51.39	
79.11.14	3	1.732	50.76	
79.11.15	3	1.561	51.06	
79.11.15	2	1.601	51.69	
80. 9.27	3	1.659	50.73	
80.11. 3	3	1.737	50.63	

The B.D. *a* is 3^{s} less

13346 9.5 2.7500 +0.0080 +17.873 +0.174 — —

73. 9.18	3	22 12 6.635	27 59 15.69	
90.10.27	5	6.648	16.77	
90.11. 1	7	6.806	15.04	

13347 9.0 2.7712 +0.0074 +17.876 +0.175 26°4400

79.10. 3	2	22 12 11.652	26 25 4.93	
79.11.14	3	11.592	1.98	
80. 9.27	1	11.616	2.98	
92.10.10	7	11.730	1.31	
92.10.17	7	11.801	3.69	
92.10.18	4	11.866	1.31	

13348 8.8 2.7229 +0.0087 +17.878 +0 173 29°4632

74.11. 5	3	22 12 14.129	29 58 26.64	
75.10.13	3	13.778	28.35	+ 1′
76.10.18	3	13.892	28.14	
78.10.26	3	14.068	28.49	

13349 9.1 2.7476 +0.0081 +17.883 +0.174 28°4343

84.10.16	7	22 12 21.867	28 12 42.62	
84.10.22	5	21.872	42.82	
84.10.23	7	22.015	41.86	

13350 9.1 2.7638 +0.0076 +17.885 +0.175 26°4401

85.11.18	6	22 12 25.330	27 1 20.04	
86.11. 1	5	25.120	18.87	
86.11.18	5	25.223	20.38	

13351 8^{m}.8 2^{s}.7920 +0^{s}.0069 +17$''$.887 +0$''$.176 24°4570

85.11.17	7	22^{h}12^{m}28^{s}.182	24° 52′ 12$''$.69	
86.10.23	7	28.079	16.22	
88.10.22	7	23.315	14.04	

13352 8.5 2.7717 +0.0074 +17.890 +0.175 26°4402

79.11. 6	3	22 12 32.798	26 26 58.42	+ 1′
92.10.22	7	32.772	57.49	
93.10. 4	7	32.700	55.45	
93.10.18	7	32.548	57.78	

13353 8.0 2.7499 +0.0080 +17.895 +0.173 28°4346

72. 9 26	2	22 12 41.450	28 7 3.98	
72.10.22	3	41.086	3.51	
74.10. 2	3	40.916	3.36	
74.11. 7	3	41.091	2.40	
75.11. 4	3	41.015	2.78	
76.10.14	3	40.997	3.44	
77.10.26	3	40.912	4.69	

13354 9.5 2.7546 +0.0079 +17.902 +0.173 27°4291

75.10. 5	1	22 12 49.965	27 47 24.83	
77. 9.24	3	50.209	26.00	
81.10.25	3	50.239	26.26	
81.10.31	3	50.455	23.89	
81.11.10	3	50.281	25.03	
81.11.17	3	50.191	25.65	

13355 9.4 2.7547 +0.0079 +17.904 +0.173 27°4292

72. 9. 6	3	22 12 54.160	27 47 60.07	
72.10. 3	3	54.341	60.81	
75.10. 5	3	54.205	59.58	
77. 9.24	3	54.170	59.76	
77.10.18	3	54.411	59.77	
90.11.10	7	54.147	60.80	

13356 9.5 2.7724 +0.0075 +17.905 +0.175 — —

72. 8.29	3	22 12 55.443	26 28 3.97	†

13357 7.7 2.7895 +0.0070 +17.905 +0.175 25°4709

72.10. 8	3	22 12 55.737	25 8 54.82	
73.10.30	3	55.541	55.07	
74.11. 9	3	55.601	55.58	
75. 9.30	3	55.646	54.90	
75. 9.30	2	55.546	55.14	
75.10.25	3	55.603	55.27	
76.10.10	3	55.514	55.08	
77. 9.28	3	55.363	53.88	
77.11. 5	3	55.541	54.16	

13358 9.3 2.7598 +0.0078 +17.910 +0.174 — —

80.10. 2	3	22 13 3.160	27 26 50.45	†

13359 7.9 2.7658 +0.0077 +17.922 +0.174 26°4404

72 9.17	3	22 13 21.148	27 3 24.44	Z.C. δ 23$''$.4
73. 9.17	2	20.978	23.29	
73.10.14	3	21.133	23.49	
75.11. 8	2	21.261	22.70	
76.10.13	2	21.077	23.48	
76.10.17	3	21.180	22.72	
77.10. 3	3	21.034	23.94	

13360 7^{m}.5 2^{s}.7503 +0^{s}.0081 +17$''$.923 +0$''$.172 28°4348

72.10.14	3	22^{h}13^{m}22^{s}.263	28° 13′ 12$''$.88	
73. 9.11	3	22.482	13.68	
73. 9.18	3	22.352	14.19	
77.10. 5	3	22.505	14.34	
77.10.16	3	22.432	14.56	
77.10.26	3	22.355	13.35	− 30′

13361 9.0 2.7521 +0.0081 +17.925 +0.172 27°4294

75.11. 4	3	22 13 25.605	28 6 3.99	
76.10.16	3	25.680	4.14	

13362 9.5 2.7665 +0.0078 +17.936 +0.172 — —

73. 9.17	3	22 13 43.439	27 4 45.81	†

13363 9.4 2.7370 +0.0086 +17.946 +0.171 29°4635

72.10.16	3	22 13 58.125	29 19 25.68	
73. 9.12	3	58.152	24.66	
75.10.21	3	58.067	24.55	
77.11.17	3	58.408	24.17	

13364 9.5 2.7255 +0.0089 +17.948 +0.170 30°4678

74. 9.26	1	22 14 0.706	30 10 19.00	Z.C. δ 20$''$.7
77. 9.21	3	0.734	22.40	

13365 8.9 2.7596 +0.0080 +17.949 +0.172 27°4295

72.10. 3	2	22 14 2.509	27 39 48.03	
74. 9.18	3	2.177	48.42	
77. 9.12	3	2.242	48.00	
77.10.18	1	2.561	47.52	
87.10.11	7	2.528	47.29	

13366 7.4 2.7930 +0.0071 +17.950 +0.174 24°4576

72.10. 8	3	22 14 4.632	25 5 53.99	
73.10.30	3	4.580	53.78	
74.11. 9	3	4.474	52.85	
75.10.25	3	4.585	52.87	
76.10.10	3	4.475	52.65	
77. 9.28	3	4.390	52.93	
77.11. 5	3	4.475	52.89	

13367 9.3 2.7599 +0.0080 +17.952 +0.172 — —

74. 9.18	3	22 14 6.618	27 39 37.63	Z.C. δ 37$''$.1
77. 9.12	2	6.851	36.52	

13368 8.6 2.7523 +0.0082 +17.953 +0.172 28°4350

72.10.14	2	22 14 8.355	28 13 52.85	Z.C. δ 53$''$.2
72.10.22	3	8.435	53.45	
73. 9.11	3	8.573	52.55	
73 9.18	3	8.463	53.34	
76.10.14	3	8.591	52.28	
77.10. 5	3	8.372	55.19	
77.10.16	3	8.449	52.58	

13369 9.5 2.7255 +0.0089 +17.953 +0.170 30°4680

73. 9 26	3	22 14 9.034	30 11 57.01	
74. 9.26	3	8 954	58.53	
77.10. 4	3	9.190	56.86	

13370 9.2 2.7580 +0.0081 +17.956 +0.172 27°4296

72. 9. 6	2	22 14 12.857	27 49 39.71	
72. 9.26	3	13.149	41.32	
81.10.25	3	13.061	40.98	
81.11.10	3	12.983	39.85	
81.11.17	2	12.962	39.86	

13371 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.7319$ $+0^{\mathrm{s}}.0087$ $+17''.957$ $+0''.170$ 29°4636

74. 11. 5	3	$22^{\mathrm{h}}14^{\mathrm{m}}15^{\mathrm{s}}.089$	$29^\circ 45' 23''.78$	v. ft.
76. 10. 21	3	15.135	23.31	+ 1′
78. 10. 18	3	15.176	24.83	
78. 10. 26	3	15.100	24.70	

13372 8.5 2.7444 +0.0085 +17.966 +0.171 28°4351

72. 11. 21	2	22 14 28.322	28 53 26.14	
74. 10. 28	3	28.168	26.25	
77 10. 2	3	28.191	26.37	

13373 9.5 2.7316 +0.0088 +17.967 +0.169 29°4637

73. 9. 26	3	22 14 30.353	29 50 4.09	†

13374 9.0 2.7481 +0.0084 +17.970 +0.170 28°4353

73. 9. 11	3	22 14 34.465	28 38 21.67	
74. 11. 7	3	34.334	22.60	
76. 10. 14	3	34.515	22.51	
77. 10. 26	3	34.390	22.87	

13375 9.5 2.7717 +0.0078 +17.970 +0.172 26°4407

73. 10. 14	2	22 14 34.756	26 51 48.19	†

13376 9.0 2.7349 +0.0087 +17.970 +0.169 29°4638

77. 9. 21	3	22 14 35.185	29 36 41.07	Z.C. δ 40″6
77. 10. 4	2	35.257	40.45	
77. 11. 17	3	35.291	40.35	

13377 8.9 2.7719 +0.0078 +17.977 +0.171 26°4408

72. 8. 29	3	22 14 45.938	26 53 7.86	Z.C. δ 7″7
72. 9. 17	3	45.962	8.00	
73. 10. 14	2	45.996	7.57	
77. 10. 3	3	45.879	7.43	

13378 9.2 2.7656 +0.0080 +17.981 +0.171 27°4297

75. 11. 4	3	22 14 52.447	27 23 3.61	
76. 10. 16	3	52.578	3.77	+ 1^{s}
77. 9. 24	3	52.704	2.12	
78. 10. 12	3	52.704	2.73	
86. 11. 1	7	52.834	3.00	
96. 10. 27	7	52.840	3.27	

13379 9.4 2.7654 +0.0080 +17.981 +0.171 — —

75. 11. 4	1	22 14 52.917	27 24 4.14	†

13380 9.0 2.7396 +0.0087 +17.982 +0.169 29°4639

72. 10. 16	3	22 14 54.557	29 20 45.45	
73 9. 12	3	54.484	44.23	s.p. of 2
75. 10. 21	3	54.591	44.48	
78. 10. 26	3	54.422	44.56	

13381 9.0 2.7635 +0.0080 +17.984 +0.171 27°4298

73. 9. 17	2	22 14 56.590	27 33 24.50	Z.C. α $56^{\mathrm{s}}.80$
79. 9. 29	3	56.798	24.14	
79. 10. 21	3	56.738	24.17	
79. 11. 6	3	56.848	23.62	
79. 11. 7	3	56.750	23.68	
79. 11. 12	3	56.889	23.67	+ 30′
79. 11. 13	3	56.759	22.81	
79. 11. 14	3	56.763	23.80	
79. 11. 15	3	56.830	21.69	
79. 11. 15	2	56.960	23.91	
80. 10. 2	3	56.881	24.26	
80. 10. 21	3	56.867	24.12	
80. 11. 3	3	56.775	23.65	

13382 $6^{\mathrm{m}}.5$ $2^{\mathrm{s}}.7804$ $+0^{\mathrm{s}}.0076$ $+17''.994$ $+0''.171$ 26°4410

73. 9. 29	3	$22^{\mathrm{h}}15^{\mathrm{m}}11^{\mathrm{s}}.807$	$26^\circ 18' 26''.67$	
73. 10. 14	1	12.047	25.11	
74 11. 19	3	11.682	24.03	
75. 11. 8	3	11.911	24.44	
76. 10. 13	3	11.738	25.39	

13383 9.3 2.7809 +0.0077 +18.006 +0.171 26°4411

76. 10. 17	3	22 15 30.254	26 19 59.39	Z.C. δ 59″7
77. 9. 26	3	30.201	59.97	
77. 10. 3	3	30.197	61.02	
79. 9. 29	1	30.419	58.56	– 1′
79. 10. 21	2	30.382	60.07	
79. 11. 7	3	30.214	59.77	
79. 11. 12	2	30.435	58.82	
79. 11. 13	3	30.319	59.70	
80. 10. 30	3	30.250	59.36	+ 1^{m}
80. 11. 20	2	30.572	60.08	

13384 5.0 2.7633 +0.0082 +18.007 +0.170 27°4299

72. 9. 6	3	22 15 33 101	27 42 5.05	
72. 9. 26	3	33.289	5.28	
73. 10. 8	3	33.251	8.76	
75. 10. 5	3	32.959	4.42	
88. 10. 23	7	33.170	5.86	

13385 9.1 2.7529 +0.0085 +18.020 +0.168 28°4356

72. 10. 14	3	22 15 53.917	28 33 48.11	Z.C. δ 49″5
72. 10. 22	3	53 747	49.84	
72. 11. 21	3	53.989	49.49	
76. 10. 14	2	53.792	49.07	
77. 10. 2	3	53.644	50.27	
77. 10. 16	3	53.848	49.37	
77. 10. 26	3	53.942	48.87	
78. 10. 26	2	53.813	51.15	

13386 9.0 2.7656 +0.0081 +18.023 +0.169 27°4300

72. 10. 3	3	22 15 58.539	27 36 55.26	
73. 9. 17	2	58.522	54.82	
73. 10. 8	2	58.733	57.43	
74. 9. 18	3	58.477	53.94	
75. 10. 5	3	58.428	52.95	
76. 10. 16	3	58.445	52.73	
77. 9. 12	3	58.472	54.70	
84. 10. 28	5	58.633	55.02	

13387 9.2 2.7530 +0.0085 +18.025 +0.168 28°4357

72. 10. 22	3	22 16 1.297	28 34 44.60	Z.C. δ 44″3
73. 9. 11	3	1.501	44.48	
76 10. 14	1	1.422	44.32	
77. 10 2	3	1.404	44.52	
77. 10. 16	3	1.298	43.76	

13388 8.6 2.7384 +0.0090 +18.046 +0.166 29°4644

72. 10. 16	3	22 16 33 976	29 47 27.81	Z.C. δ 27″0
73 9. 26	3	33.919	27.81	
75. 10. 21	3	33.853	25.82	
76. 10. 21	3	33.988	26.42	
77. 10. 4	3	33.909	27.46	
77. 11. 17	3	33.920	26.23	
78. 10. 22	3	34.020	27.69	

13389	9^{m}2	2^{s}7676	+0^{s}0082	+18″051	+0″168	27°4302 A
72. 9. 6	2	22^{h}16^{m}41^{s}993	27° 36′ 41″73	c.d.		
72.10.25	3	42.286	42.16	d. p.		
73. 9.17	1	42.104	42.83	p. of 2		
74. 9.18	3	42.256	41.69	s. p.		
75.10. 5	3	42.183	41.48			
76.10.16	2	42.106	41.94	p.		
78.10.12	2	42.437	39.27	p.		
84.10. 4	6	42.208	41.97	v.ft.		
13390	9.1	2.7677	+0.0082	+18.052	+0.168	27°4302 B
78.10.12	3	22 16 43.847	27 36 38.46			
84.10.24	5	43.662	37.09			
13391	7.5	2.7401	+0.0090	+18.056	+0.166	29°4645
73. 9.12	3	22 16 49.462	29 43 37.54			
74. 9.26	3	49.595	37.85	−1′		
76.10.18	3	49.365	38.44			
13392	9.0	2.7872	+0.0077	+18.060	+0.169	26°4415
72. 8.29	3	22 16 55.404	26 7 24.40			
72. 9.17	3	55.302	25.45	−1′		
73.10.14	3	55.269	24.10			
73.11. 1	3	55.182	24.01			
75.10.25	3	55.442	24.48			
86.11.18	7	55.426	23.79			
13393	7.5	2.7352	+0.0091	+18.061	+0.166	30°4695
84.10.16	5	22 16 57.195	30 6 54.82			
84.10.22	5	57.232	53.89			
84.11.10	6	57.254	53.81			
13394	9.4	2.7836	+0.0078	+18.071	+0.168	— —
74.11.19	2	22 17 12.842	26 28 29.57			
76.10.17	3	12.698	30.84			
13395	9.0	2.7691	+0.0083	+18.074	+0.167	— —
75.11. 4	3	22 17 17.006	27 37 2.13	†		
13396	8.5	2.7837	+0.0078	+18.075	+0.168	26°4417
74.11.19	3	22 17 18.912	26 29 18.23			
75.11. 8	3	18.938	18.56	+5′		
76.10.13	3	18.986	18.60			
76.10.17	3	19.018	18.53			
13397	8.8	2.7447	+0.0090	+18.084	+0.165	29°4646
72.10.16	3	22 17 32.678	29 32 20 24			
74.11. 5	3	32.893	20.48			
76.10.18	3	32.800	19.15			
76.10.21	3	32.890	19.26			
77.11.17	3	32.762	19.59			
87.10.11	7	32.793	19.05			
13398	9.3	2.7940	+0.0075	+18.086	+0.168	— —
80.11. 3	3	22 17 36.809	25 43 9.97	†		
13399	8.4	2.7535	+0.0087	+18.087	+0.166	28°4363
72.10.14	3	22 17 37.640	28 53 55.72	Z.C. δ 57″5		
72.10.22	3	37.750	58.56			
72.11.21	3	37.732	57.35			
74.10.28	3	37.743	57.60			
76.10.14	3	37.684	57.19			
77.10. 5	3	37.724	58.32			
77.10.26	3	37.791	56.91			
78.10.26	3	37.710	58.66			
13400	9^{m}1	2^{s}7785	+0^{s}0081	+18″093	+0″167	26°4419
72. 9.17	3	22^{h}17^{m}47^{s}623	26° 59′ 35″65	Z.C. δ 35″6		
76.10.13	2	47.642	35.01			
77. 9.26	3	47.453	35.53			
85.11.16	7	47.689	36.37			
13401	9 4	2.7674	+0.0084	+18.093	+0.166	27°4304
81.10.25	3	22 17 47.898	27 52 5.59			
81.10.31	3	48.283	2.89			
81.11.10	3	47.938	3.82			
81.11.17	3	47.946	3.77			
13402	9.5	2.7737	+0.0082	+18.096	+0.167	27°4305
72. 9. 6	1	22 17 52.779	27 23 24.41	d.f.		
72.10. 3	3	52.853	25.48	d.f.		
72.10.25	2	53.055	24.45	d.f.		
88.10.22	7	52.486	24.17	v. ft.		
13403	9.0	2.7486	+0.0089	+18.097	+0.165	29°4647
75 10.21	3	22 17 54.640	29 19 33.58	Z.C. δ 33″2		
76.10.21	3	54.903	32.64			
77. 9.19	3	54.766	33.61			
86.11. 1	7	54.789	32.84			
13404	8.6	2.7423	+0.0091	+18.097	+0.164	29°4648
73. 9.12	3	22 17 54.884	29 48 35.25	Z.C. δ 35″3		
77. 9.21	3	54.938	35.40			
13405	9.5	2.7728	+0.0083	+18.097	+0.167	27°4306
73.10. 8	3	22 17 55.127	27 27 59.92			
74. 9.18	3	54.786	58.68			
77. 9.24	3	54.845	57.27			
77.10.18	3	55.074	54.79			
90.11. 1	6	54.882	59.72			
13406	8.8	2.7992	+0.0075	+18.098	+0.168	25°4720
72.10. 8	3	22 17 56.622	25 22 18.63			
73.10.30	3	56.509	18.66			
74.11. 9	3	56.447	18.96			
75. 9.30	3	56.427	18.48			
77. 9.28	3	56.201	18.78			
13407	9.0	2.7903	+0.0077	+18.101	+0.167	25°4721
73.11. 1	3	22 18 0.968	26 5 47.98	Z.C. δ 47″8		
75.10.25	3	0.765	47.69			
77. 9.28	3	1.027	48.01			
77.10.17	3	0.965	47.38			
13408	8.5	2.7825	+0.0080	+18.103	+0.167	26°4420
73. 9.29	3	22 18 3.000	26 43 26.94	Z.C. δ 24″8		
73.10.14	3	2.988	24.50			
77.10. 3	3	3.028	25.39			
77.10.15	3	2.825	22.20			
13409	9.4	2.7731	+0.0083	+18.106	+0.166	27°4307
73.10. 8	1	22 18 8.357	27 29 36.10	†		
13410	9.3	2.7512	+0.0089	+18.106	+0.165	29°4650
74. 9.26	3	22 18 8.366	29 10 51.67	Z.C. α 8^{s}47		
74.11. 5	3	8.450	51.49			
77.10. 4	3	8.420	51.66	−30′		
77.11.17	3	8.632	51.22			

13411 9$^{\mathrm{m}}$5 2$^{\mathrm{s}}$7777 +0$^{\mathrm{s}}$0082 +18″108 +0″166 27°4309

90.10.14	3	22$^{\mathrm{h}}$18$^{\mathrm{m}}$11$^{\mathrm{s}}$730	27° 8′ 35″84	ex.ft. w. 7–5$^{\mathrm{s}}$†

13412 9.0 2.7659 +0.0085 +18.109 +0.165 27°4310

77. 9.12	3	22 18 13.799	28 4 30.08	Z.C. δ 30″0
90.11.10	7	13.822	30.02	

13413 9.4 2.8026 +0.0074 +18.112 +0.168 — —

79.11.13	1	22 18 18.071	25 9 57.90	
79.11.14	3	18.179	57.59	

13414 9.0 2.7855 +0.0080 +18.116 +0.167 26°4423

72. 8.29	3	22 18 23.557	26 33 56.87	
74.11.19	2	23.606	56.90	
75.11. 8	3	23.503	54.65	

13415 8.9 2.7806 +0.0081 +18.121 +0.166 26°4424

76.10.17	3	22 18 32.955	26 59 25.08	
77.10.15	3	32.967	22.97	
84.10. 4	3	32.956	25.42	

13416 9.5 2.7814 +0.0081 +18.122 +0.166 26°4425

80.10. 2	3	22 18 34.766	26 56 4.02	†

13417 9.0 2.7752 +0.0084 +18.128 +0.165 27°4311

73. 9.17	3	22 18 43.192	27 27 9.36	
75.10. 5	3	42.920	8.22	

3$^{\mathrm{s}}$ f. 1′ n. of B.D. place

13418 8.5 2.7925 +0.0078 +18.130 +0.166 25°4723

72.10. 8	3	22 18 47.359	26 4 57.27	
73.11. 1	3	47.247	56.97	
74.11. 9	3	47.175	57.75	
75.10.25	3	46.958	56.62	
76.10.10	3	47.110	56.96	
77.10.17	3	47.154	55.85	

13419 9.4 2.7703 +0.0085 +18.131 +0.165 27°4313

81.10.25	3	22 18 48.272	27 51 44.81	
81.10.31	2	48.788	42.57	
81.11.10	3	48.512	44.16	
81.11.17	3	48.509	44.37	

13420 8.9 2.7455 +0.0092 +18.132 +0.163 29°4652

73. 9.12	3	22 18 50.788	29 46 24.21	Z.C. δ 24″5
76.10.18	3	50.466	24.00	
77.11.17	1	50.678	24.05	
78.10.18	3	50.677	25.01	
78.10.22	3	50.901	25.33	ft.

13421 9.2 2.7730 +0.0084 +18.137 +0.164 27°4314

84.10.16	7	22 18 58.444	27 40 42.56	
84.10.22	5	58.395	40.99	
84.10.23	7	58.837	41.56	

13422 8.2 2.7684 +0.0085 +18.140 +0.164 27°4315

72. 9.26	3	22 19 2.291	28 3 11.01	Z.C. δ 11″1
72.10. 3	3	2.221	11.13	
75.11. 4	3	2.068	11.09	
76.10.16	3	2.250	11.25	
77. 9.24	3	2.226	11.59	
77.10.18	3	2.234	10.73	

13423 9$^{\mathrm{m}}$1 2$^{\mathrm{s}}$7455 +0$^{\mathrm{s}}$0093 +18″144 +0″163 29°4653

74. 9.26	3	22$^{\mathrm{h}}$19$^{\mathrm{m}}$10$^{\mathrm{s}}$162	29° 51′ 3″39	
77. 9.19	3	10.043	3.27	
77.10. 4	3	10.084	3.25	

13424 7.7 2.7948 +0.0078 +18.146 +0.166 25°4726

73.11. 1	3	22 19 13.098	25 58 42.21	
74.11. 9	2	13.023	41.34	
75. 9.30	3	13.120	40.35	

13425 9.4 2.8047 +0.0075 +18.148 +0.166 25°4727

79.11.13	2	22 19 16.462	25 11 37.35	
79.11.14	3	16.539	35.26	– 2°§
84.10.24	7	16.633	36.93	
84.11.10	7	16.630	34.80	
86.10.23	6	16.325	37.68	

13426 Not found on revision 97.11.13: not found on Oxford photograph 98.9.23. The observing list for 79.11.14 seems to have been that used on 79.11.13: the observation is therefore probably an erroneously recorded one of 13425; see above

13427 8.4 2.7874 +0.0081 +18.150 +0.165 26°4428

73. 9.29	3	22 19 19.464	26 36 24.94	w. 6–10$^{\mathrm{s}}$
73.10.14	3	19.260	23.77	
74.11.19	1	19.282	22.88	
77. 9.26	3	19.116	23.56	
87.10.11	5	19.289	22.70	

13428 8.9 2.7825 +0.0082 +18.153 +0.165 26°4429

72. 9 6	2	22 19 23.924	27 1 22.63	
72. 9.17	3	23.771	21.23	
93.10.18	7	23.648	21.71	

13429 9.1 2.7500 +0.0092 +18.153 +0.163 29°4654

85.11.17	7	22 19 24.285	29 33 40.46	
85.11.18	7	24.391	40.81	
86.11.17	6	24.283	39.71	

13430 9.5 2.7580 +0.0089 +18.155 +0.163 — —

73. 9.18	3	22 19 27.390	28 57 30.40	
74.10.28	3	27.476	29.02	

13431 9.5 2.7776 +0.0084 +18.157 +0.164 — —

90.10.27	5	22 19 30.011	27 26 3.35	†

13432 9.1 2.7454 +0.0093 +18.157 +0.162 29°4655

72.10.16	3	22 19 31.030	29 56 6.62	
74.11. 5	3	30.874	4.84	
75.10.21	3	30.774	5.25	
77. 9.21	3	30.894	4.33	

13433 8.7 2.7847 +0.0083 +18.170 +0.164 26°4430

72. 8.29	3	22 19 51.213	26 56 39.55	
76.10.13	3	51.472	40.41	
77.10.15	3	51.252	37.21	
80.10. 2	3	51.330	40.65	
80.11.19	3	51.342	39.23	
80.11.20	3	51.355	39.23	

13434 9.1 2.7481 +0.0094 +18.181 +0.161 — —

76.10.18	1	22 20 9.188	29 52 40.14	Z.C. α 9$^{\mathrm{s}}$30
76.10.21	2	9.408	38.20	

13435	$9^m.0$	$2^s.7483$	$+0^s.0094$	$+18''.181$	$+0''.161$	29°4659
74. 9.26	3	$22^h 20^m 9^s.660$	29° 51′ $38''.17$			
76.10.18	2	9.578	38.82			
76.10.21	3	9.638	37.95			
78.10.22	2	9.986	37.35			
88.10.23	7	9.919	39.58			
13436	9.2	2.7976	+0.0079	+18.181	+0.165	25°4728
72.10. 8	3	22 20 10.028	25 57 43.84			
73.10.30	3	9.869	42.14			
73.11. 1	2	9.947	43.00			
74.11. 9	2	9.787	42.20			f. of 2
75. 9.30	3	9.795	43.21			
77. 9.28	3	9.772	45.36			
13437	6.8	2.8058	+0.0076	+18.183	+0.165	25°4730
73.10.30	1	22 20 13.057	25 17 35.07			
76.10.10	3	13.060	34.55			
77.11. 5	3	13.053	34.60			$+1^m$
86.11.18	5	13.120	35.59			
13438	9.0	2.7668	+0.0088	+18.187	+0.162	— —
74.11. 7	3	22 20 18.227	28 27 49.03			†
13439	7.5	2.7742	+0.0086	+18.187	+0.163	27°4317
72. 9.26	3	22 20 19.932	27 52 57.25			Z.C. α $19^s.82$
72.10. 3	3	19.803	59.79			Z.C. δ $57''.7$
72.10.25	3	19.992	58.78			
73. 9.17	2	19.697	57.36			
73.10. 8	3	19.950	57.13			
75.10. 5	3	19.800	56.74			
76.10.16	3	19.755	57.53			
77. 9.24	3	19.808	57.10			
78.11.18	3	19.662	58.01			− 5′
13440	9.0	2.7659	+0.0089	+18.191	+0.162	28°4369
72.10.11	3	22 20 26.200	28 33 56.64			Z.C. δ $57''.1$
72.10.14	3	26.120	56.01			
72.10.22	3	26.128	58.22			
72.11.21	3	26.283	57.12			
76.10.14	3	26.100	56.77			
77.10. 5	3	26.166	57.74			
77.10.26	3	26.000	57.52			
13441	9.3	2.7593	+0.0091	+18.193	+0.161	28°4370
81.11.10	3	22 20 27.856	29 5 19.87			
81.11.17	3	27.796	18.26			
81.10.25	3	28.045	20.93			
13442	7.8	2.8084	+0.0076	+18.197	+0.164	25°4732
75. 9.30	3	22 20 35.002	25 9 23.75			
75.10.25	2	34.992	23.65			
77.11. 5	2	34.729	22.75			
79. 9.29	3	34.872	22.92			
79.10.21	3	34.893	23.72			
79.11. 5	3	34.868	24.02			
79.11. 5	2	34.818	24.87			
79.11. 6	2	34.700	24.36			
79.11.12	3	34.857	23.80			
79.11.12	2	34.977	24.05			
79.11.13	3	34.888	23.38			
79.11.13	2	34.928	23.46			
79.11.14	3	35.112	23.91			
79.11.14	2	34.832	24.43			
79.11.15	3	34.896	24.12			

13443	$9^m.4$	$2^s.8001$	$+0^s.0079$	$+18''.197$	$+0''.164$	25°4731
75.10.25	3	$22^h 20^m 35^s.324$	25° 50′ $45''.11$			
77. 9.28	3	35.221	45.42			$+1^m$
77.10.17	3	35.562	45.46			$+1^m$
88.10.22	7	35.483	45.83			
13444	9.3	2.7593	+0.0091	+18.200	+0.161	29°4660
81.11.10	2	22 20 39.487	29 8 10.93			†
13445	9.5	2.7618	+0.0090	+18.202	+0.161	28°4371
74.10.28	3	22 20 43.037	28 57 5.10			
77.10. 2	3	43.002	4.70			
77.10. 5	2	43.130	1.81			
77.10.16	3	42.971	4.32			
78.10.26	2	43.490	3.06			
13446	8.3	2.7443	+0.0095	+18.204	+0.160	30°4710
92.10. 7	7	22 20 46.435	30 18 42.23			
92.10.18	7	46.577	43.27			
93. 9.22	7	46.573	43.87			
13447	8.8	2.7850	+0.0083	+18.204	+0.162	27°4319
72.10.25	3	22 20 47.318	27 7 35.38			
73.10. 8	2	47.445	37.71			
75.11. 4	3	47.168	36.84			
76.10.16	3	47.506	35.73			
13448	8.5	2.8003	+0.0079	+18.207	+0.163	25°4733
72.10. 8	3	22 20 51.121	25 52 51.09			
73.11. 1	1	51.058	50.40			
76.10.10	3	50.909	51.08			
13449	8.7	2.7964	+0.0081	+18.214	+0.163	26°4433
72. 9.17	3	22 21 2.966	26 14 33.84			
73. 9.29	2	3.122	37.09			
73.10.14	3	3.094	33.81			
75.11. 8	3	3.054	32.63			
76.10.17	3	2.995	34.13			
13450	8.8	2.7511	+0.0094	+18.217	+0.160	29°4663
72.10.16	3	22 21 8.516	29 52 48.96			
73. 9.12	3	8.564	48.61			
77.11.17	3	8.641	47.39			
78.10.22	2	8.611	48.77			
78.10.26	3	8.536	48.51			
13451	8.8	2.7686	+0.0089	+18.219	+0.161	28°4372
72.10.14	3	22 21 10.605	28 30 58 93			
92.10.22	6	10.497	58.38			
13452	6.8	2.7457	+0.0096	+18.223	+0.159	30°4711
92.10.10	7	22 21 17.018	30 19 16.05			
92.10.29	7	17.118	16.65			
13453	9.2	2.7492	+0.0095	+18.225	+0.159	29°4666
77. 9.19	1	22 21 20.660	30 4 22.32			Z.C. α $20^s.63$
77. 9.21	2	20.593	22.00			+ 5′ Z.C. δ $22''.2$
13454	8.2	2.7489	+0.0095	+18.226	+0.159	29°4667
74.11. 5	3	22 21 22.057	30 5 54.09			Z.C. δ $55''.0$
77. 9.19	3	22.164	55.19			
77. 9.21	3	22.099	55.84			

13455 $9^{m}.5$ $2^{s}.7723$ $+0^{s}.0089$ $+18''.227$ $+0''.161$ — —

81.10.25	3	$22^{h}21^{m}24^{s}.901$	28° 16′ 43″.07	Z.C. Ep. 88.3
81.11.17	3	24.897	41.08	+ 10′
93.10. 4	7	24.543	40.92	
93.10.30	4	25.119	39.43	

13456 9.0 2.7812 +0.0086 +18.229 +0.162 27°4321

72. 9.26	3	22 21 27.590	27 34 45.49	Z.C. δ 45″.0
73. 9.17	3	27.620	46.07	− 1 int.
75.10. 5	3	27.636	45.35	
77. 9.12	3	27.789	45.65	
77.10.18	3	27.831	43.17	
86.11. 1	7	27.864	44.42	

13457 9.4 2.7655 +0.0091 +18.229 +0.160 28°4374

81.10.31	3	22 21 27.984	28 49 59.18	†

13458 9.0 2.7469 +0.0096 +18.233 +0.159 30°4712

93. 9. 5	7	22 21 33.530	30 17 51.50	
93. 9.15	7	33.606	51.33	

13459 9.1 2.7862 +0.0084 +18.236 +0.161 27°4322

72.10. 3	3	22 21 38.743	27 12 44.48	+ 1′
77. 9.24	3	38.868	42.66	
78.10.12	3	38.891	43.20	
80.10.21	3	39.174	43.39	+ 5′
80.11.19	3	38.884	43.12	
80.11.20	3	38.728	42.74	
84.10.16	7	38.682	43.30	
84.10.22	5	38.901	42.40	

13460 9.0 2.7693 +0.0090 +18.240 +0.160 28°4375

72.10.11	3	22 21 46.274	28 36 4.02	Z.C. α 46ˢ.17
72.10.22	3	46.201	5.39	Z.C. δ 4″.3
72.11.21	3	46.273	3.89	Z.C. Ep. 75.1
76.10.14	3	46.158	4.16	
77.10.16	3	46.104	4.16	− 1 int.
77.10.26	3	45.992	4.02	

13461 8.6 2.7818 +0.0086 +18.240 +0.161 27°4323

75.10. 5	3	22 21 46.367	27 36 6.24	
75.11. 4	3	46.508	8.69	
77. 9.12	3	46.408	6.70	
78.11.18	3	46.559	6.79	§

13462 9.0 2.7633 +0.0092 +18.244 +0.159 28°4376

74.10.28	3	22 21 52.195	29 5 59.32	
74.11. 7	3	52.221	58.35	

13463 9.4 2.7550 +0.0094 +18.252 +0.159 29°4669

72.10.16	3	22 22 4.842	29 47 23.74	
74.11. 5	3	5.023	23.59	
76.10.18	3	4.836	22.98	
76.10.21	3	4.955	20.77	

13464 9.4 2.7880 +0.0085 +18.253 +0.161 27°4324 A

72.10.25	3	22 22 7.579	27 10 1.38	†

See appendix 13464 and 13464ª

13465 8.5 2.7650 +0.0092 +18.260 +0.159 28°4378

72.10.14	3	22 22 19.448	29 3 52.23	
72.10.22	3	19.325	55.21	
73. 9.18	3	19.455	53.71	clds.
74.10.28	3	19.354	52.58	
77.10. 2	3	19.452	52.42	?c.d.
77.10.16	3	19.449	53.16	

13466 $6^{m}.8$ $2^{s}.7982$ $+0^{s}.0082$ $+18''.261$ $+0''.161$ 26°4437

72. 9.17	3	$22^{h}22^{m}21^{s}.009$	26° 22′ 55″.55	
73.10.14	3	21.022	56.43	
76.10.13	3	21.129	56.86	
77.10.15	3	21.083	54.09	
86.11.18	7	21.022	56.39	

13467 9.1 2.7613 +0.0094 +18.271 +0.158 29°4671

84.10.24	7	22 22 36.808	29 25 58.26	
84.10.28	7	36.856	60.48	
84.10.29	6	36.839	58.95	

13468 9.0 2.7856 +0.0087 +18.275 +0.159 27°4325

72. 9.26	3	22 22 44.358	27 30 22.46	
72.10. 3	3	44.369	21.93	
73. 9.17	3	44.211	22.18	
75.10. 5	3	44.161	21.65	
76.10.16	3	44.157	22.11	
77.10.18	3	44.235	20.56	

13469 8.5 2.8030 +0.0081 +18.280 +0.160 25°4741

72.10. 8	3	22 22 52.210	26 5 15.24	
73.10.30	3	52.192	15.56	
74.11. 9	3	52.125	15.67	
75.11. 8	3	52.136	17.10	
76.10.10	3	52.147	15.52	
80.11. 3	3	52.178	15.63	

13470 9.0 2.7913 +0.0085 +18.280 +0.159 26°4438

73.10.14	3	22 22 52.590	27 4 9.40	
74.11.19	3	52.636	8.43	
76.10.17	3	52.569	8.37	
84.11.10	7	52.644	7.89	

13471 9.5 2.7970 +0.0083 +18.282 +0.159 — —

72. 9.17	2	22 22 56.183	26 36 44.54	†

13472 9.3 2.8127 +0.0078 +18.283 +0.161 25°4742

73.11. 1	3	22 22 56.989	25 17 20.57	
74.11. 9	2	56.873	19.59	
75. 9.30	3	56.924	20.51	
77.11. 5	3	56.866	20.41	

13473 8.5 2.7575 +0.0095 +18.284 +0.157 29°4672

72.10.16	3	22 22 58.314	29 48 29.63	Z.C. δ 28″.5
73. 9.12	3	58.132	28.29	
76.10.18	3	58.096	27.94	
77.11.17	3	58.166	28.22	

13474 9.0 2.7902 +0.0086 +18.287 +0.159 — —

74. 9.18	3	22 23 3.955	27 11 46.41	†

13475 9.3 2.7691 +0.0093 +18.289 +0.158 28°4380

79.11.12	3	22 23 7.657	28 55 50.60	
79.11.13	3	7.503	50.07	
79.11.14	3	7.583	50.98	
79.11.15	3	7.402	50.90	
80.10.21	2	7.962	50.55	
80.11.19	3	7.539	51.11	
80.11.20	3	7.695	49.65	
81.10.25	3	7.838	50.84	
81.11 10	3	7.588	50.72	

13476 $8^{\rm m}.3$ $2^{\rm s}.7557$ $+0^{\rm s}.0096$ $+18''.291$ $+0''.157$ 29°4673

74. 9.26	3	$22^{\rm h}23^{\rm m}11^{\rm s}.086$	30° 0′ 22″.11	
75.10.21	2	11.065	21.55	$-1^{\rm s}$
76.10.21	3	11.200	21.70	

13477 8.0 2.7668 +0.0094 +18.295 +0.157 29°4674

74.11. 5	3	22 23 16.755	29 9 24.55	
75.10.21	2	16.824	24.50	
77. 9.19	3	16.665	24.74	
78.10.26	3	16.641	25.21	

13478 5.7 2.8038 +0.0082 +18.296 +0.160 26°4439

73.10.30	3	22 23 18.901	26 7 28.20	
75.11. 8	3	18.747	28.51	
77.10.15	3	18.941	26.76	
79.10.21	3	18.842	27.40	
79.10.21	2	18.962	27.12	
80.11. 3	3	18.865	27.53	

13479 7.0 2.7764 +0.0091 +18.297 +0.158 28°4381

72.10.11	3	22 23 19.927	28 23 24.38	Z.C.δ 24″.3
72.10.14	3	19.815	22.55	
72.10.22	3	19.850	24.46	
72.11.21	3	20.009	24.73	
76.10.14	3	19.881	23.89	
77.10. 5	3	19.741	25.13	
77.10.26	3	19.936	25.09	

13480 9.4 2.7793 +0.0090 +18.300 +0.158 28°4382

74.11. 7	3	22 23 25.160	28 10 34.31	Z.C.δ 34″.7
77.10.16	1	25.544	34.19	
86.11.16	7	25.385	35.62	

13481 9.5 2.7763 +0.0091 +18.301 +0.158 28°4383

81.10.31	2	22 23 26.741	28 25 51.25	
81.11.17	3	26.601	51.74	

13482 7.8 2.7964 +0.0085 +18.302 +0.159 26°4440

73. 9.29	3	22 23 29.516	26 47 23.51	Z.C.δ 21″.9
74.11.19	3	29.551	22.36	
76.10.17	3	29.553	22.20	
77.10.15	2	29.548	19.66	

13483 9.3 2.7632 +0.0095 +18.303 +0.156 29°4675

74. 9.26	2	22 23 31.128	29 29 49.21	
78.10.22	3	31.313	49.68	

13484 9.0 2.7861 +0.0089 +18.309 +0.158 27°4328

72.10.25	3	22 23 40.365	27 41 4.98	
73. 9.17	3	40.131	5.49	
75.11. 4	3	40.324	4.78	
77.10.18	3	40.179	2.87	
78.11.18	3	40.378	3.94	

13485 9.4 2.7859 +0.0089 +18.310 +0.158 — —

78.11.18	2	22 23 41.709	27 41 57.24	†

13486 9.4 2.7704 +0.0094 +18.310 +0.157 — —

79.11.13	3	22 23 41.727	28 57 39.59	Z.C.α $41^{\rm s}.81$
79.11.14	2	41.813	38.88	−5′
79.11.15	3	41.839	38.66	−5′
80.11.20	3	42.097	38.92	
93.10. 6	7	41.556	37.41	

13487 $7^{\rm m}.5$ $2^{\rm s}.7658$ $+0^{\rm s}.0095$ $+18''.312$ $+0''.156$ 29°4677

73. 9.12	3	$22^{\rm h}23^{\rm m}46^{\rm s}.246$	29° 20′ 59″.29	
76.10.18	1	46.165	59.79	
77. 9.21	3	46.259	59.68	
77.11.17	3	46.250	59.91	

13488 9.4 2.7804 +0.0090 +18.313 +0.157 28°4384

74.10.28	3	22 23 47.699	28 10 26.95	
76.10.14	3	47.987	26.29	

13489 9.4 2.7553 +0.0098 +18.315 +0.156 — —

79.11. 5	2	22 23 50.756	30 12 4.51	†

13490 9.5 2.7756 +0.0092 +18.317 +0.157 28°4385

81.10.25	3	22 23 55.671	28 35 43.08	
81.11.17	2	55.617	40.19	

13491 9.1 2.7562 +0.0098 +18.321 +0.156 30°4723

79.11. 5	2	22 24 0.332	30 9 56.35	
84.10.16	5	0.204	57.38	
84.10.22	5	0.435	56.09	
84.10.23	5	0.556	56.96	

13492 8.5 2.8155 +0.0079 +18.325 +0.159 25°4747

72.10. 8	3	22 24 8.320	25 18 3.55	
73.11. 1	3	8.388	3.15	
74.11. 9	3	8.167	2.98	
75. 9.30	3	8.259	3.23	
75.10.25	3	8.162	4.28	
76.10.10	3	8.228	3.33	
77.11. 5	3	8.284	3.03	

13493 9.5 2.8002 +0.0085 +18.327 +0.158 26°4441

73.10.14	3	22 24 11.587	26 37 11.31	
92.10. 7	4	11.962	9.04	W. $3 + 1^{\rm s}$

13494 9.5 2.7791 +0.0092 +18.340 +0.156 — —

73. 9.18	3	22 24 32.535	28 27 37.96	
90.10.14	5	32.675	35.85	

13495 9.4 2.8080 +0.0083 +18.340 +0.158 — —

73.11. 1	3	22 24 33.369	26 2 17.84	
90.11.10	5	33.453	17.58	

13496 9.3 2.8069 +0.0083 +18.340 +0.158 26°4445

80.11. 3	3	22 24 33.569	26 8 8.11	†

13497 8.0 2.7873 +0.0090 +18.342 +0.156 27°4331

72.10.25	3	22 24 36.963	27 48 13.28	
73.10. 8	3	36.944	15.80	§
74. 9.18	3	36.892	14.21	
76.10.16	3	37.017	13.16	
77. 9.12	3	36.960	13.23	
78.10.12	3	36.923	13.44	

13498 8.5 2.7916 +0.0089 +18.352 +0.156 27°4332

72. 9.26	3	22 24 53.924	27 30 34.94	
73. 9.17	3	53.818	34.34	
75.10. 5	3	53.741	33.64	
75.11. 4	3	53.873	34.16	
77.10.18	3	53.939	32.29	

13499 $9^{m}.0$ $2^{s}.7871$ $+0^{s}.0090$ $+18''.353$ $+0''.156$ 27°4333

72.10. 3	3	$22^{h}24^{m}55^{s}.441$	27° 53′ 8″.41	Z.C. δ 8″.9
73.10. 8	3	55.662	10.11	
77.10.23	3	55.365	8.22	+ 1^{m}

13500 8.6 2.7762 +0.0094 +18.368 +0.154 28°4387

72.10.11	3	22 25 21.657	28 53 4.06	Z.C. δ 3″.5
72.10.14	3	21.575	2.80	
72.10.22	3	21.338	4.25	
72.11.21	3	21.569	3.36	
77.10. 5	3	21.610	5.19	
79.11.12	3	21.621	3.50	
80.10.21	3	21.665	4.08	
80.11.19	3	21.493	1.48	
80.11.19	2	21.563	3.06	

13501 8.5 2.8151 +0.0082 +18.373 +0.156 25°4752

72.10. 8	3	22 25 28.652	25 37 58.36
73.10.30	3	28.694	57.44
74.11. 9	3	28.631	57.47
75. 9.30	1	28.615	56.99
76.10.10	3	28.612	56.89
78.11. 7	3	28.668	57.41

One of the observations on 75.9.30 included in the Zone Catalogue has been rejected on account of uncertainty in the record

13502 9.2 2.7756 +0.0095 +18.374 +0.154 — —

79.11.13	3	22 25 31.520	28 58 38.70
79.11.14	3	31.406	39.95
79.11.15	3	31.519	39.36

13503 8.6 2.7954 +0.0089 +18.377 +0.155 27°4336

72. 9.26	3	22 25 36.777	27 21 18.97
72.10.25	3	36.889	18.64
75.10. 5	3	36.774	18.15
75.11. 4	3	36.833	17.56
76.10.16	3	36.686	18.15
77.10.23	3	36.814	19.13
86.11. 1	5	36.847	16.15

13504 9.0 2.8055 +0.0086 +18.379 +0.155 26°4450

72. 9.17	2	22 25 40.252	26 30 19.52
73.10.14	3	40.180	20.20
75.11. 8	3	40.252	19.28

13505 6.7 2.7772 +0.0095 +18.383 +0.154 28°4389

72.10.11	3	22 25 46.767	28 54 6.91
72.10.14	3	46.735	7.07
72.10.22	3	46.820	8.99
72.11. 7	3	46.902	8.70
72.11.21	2	46 878	6.78
77.10. 5	3	46.698	8.26
77.10.26	3	46.730	7.87
78.10.26	3	46.741	8.10
79. 9.29	3	46.742	5.36
79.11. 6	3	46.752	7.24
79.11. 6	2	46.672	7.65

13506 8.8 2.7647 +0.0099 +18.384 +0.153 29°4681

72.10.16	3	22 25 48.399	29 56 3.58
73. 9.12	3	48.580	1.16
75.10.21	2	48.673	2 72
88.10.23	5	48.628	3.56

13507 $9^{m}.0$ $2^{s}.7665$ $+0^{s}.0098$ $+18''.388$ $+0''.153$ 29°4682

76 10.21	3	$22^{h}25^{m}55^{s}.145$	29° 48′ 39″.18	Z.C. δ 39″.3
77. 9.19	3	55.060	39.72	
77. 9.21	3	54.992	38.97	

13508 9.0 2.7695 +0.0097 +18.391 +0.153 29°4683

75.10.21	2	22 26 0.319	29 35 39.36	Z.C. δ 40″.2
76.10.18	3	0.091	41.12	
77.11.17	3	0.391	40.24	

13509 9.2 2.8233 +0.0080 +18.394 +0.156 — —

80.10.30	3	22 26 4.629	25 2 30.43	†

13510 9.1 2.7639 +0.0099 +18.394 +0.153 29°4686

73. 9.12	2	22 26 4.878	30 3 49.79	Z.C. δ 50″.5
77.11.17	2	4.842	50.15	ex. ft.
78.10.22	2	4.884	51.47	

13511 8.3 2.8057 +0.0086 +18.396 +0.155 26°4451

73. 9.29	3	22 26 8.302	26 35 39.79	Z.C. δ 37″.5
74.11.19	3	8.237	36 90	
76.10.17	3	8.218	38.58	
77.10.15	3	8.325	34.79	

13512 9.2 2.7966 +0.0089 +18.396 +0.154 27°4337

72. 9.26	2	22 26 9.458	27 22 29.77
72.10. 3	3	9.363	29.83
74. 9.18	3	9.213	30.51
75.10. 5	3	9.154	29.32
77.10.18	2	9.340	27.64

13513 9.0 2.7770 +0.0095 +18.396 +0.153 28°4390

79.11.13	2	22 26 9.404	29 1 3.94
79.11.14	3	9.285	3.95
79.11.15	3	9.253	4.31

13514 9.0 2.7629 +0.0100 +18.398 +0.153 30°4729

74. 9.26	3	22 26 11.762	30 10 22.73
74.11. 5	3	11.884	22.54
76.10.18	1	11.816	22.62
79.11. 5	3	11.805	23.89

13515 8.8 2.8128 +0.0084 +18.399 +0.155 25°4754

72.10. 8	3	22 26 14.002	26 0 16.27
73.11. 1	3	13.936	15.91
75.10.25	3	13.870	16.10
77.11. 5	3	13.854	16.08
79.10.21	3	13.796	13.28
79.10.21	2	13.906	15.42

13516 9.3 2.7843 +0.0093 +18.400 +0.153 28°4391

73. 9.18	3	22 26 15.671	28 26 11.56
74.11. 7	3	15.799	11.38
76.10.14	3	15.814	10.55
78.11.18	3	15.943	10.67

13517 8.1 2.8259 +0.0080 +18.407 +0.156 24°4602

76.10.10	1	22 26 27.935	24 54 9.75
77.10.17	2	28.066	9.11
84 10. 4	5	28.000	11.23
84.10.16	7	28.063	10.54
84.10.22	5	27.946	9.01
84.10.23	5	28.044	9.95

13518 8^{m}1 2^{s}8255 +0^{s}0080 +18″408 +0″156 24°4603

73.11. 1	2	22^{h}26^{m}29^{s}698	24° 56′ 48″35	Z.C.δ47″9
76.10.10	2	29.616	47.39	
77.10.17	3	29.437	46.54	
78.11. 7	2	29.458	49.33	

13519 8.5 2.8083 +0.0086 +18.411 +0.154 26°4453

72. 9.17	2	22 26 34.991	26 28 19.87	
73.10.14	3	34.921	20.04	
75.11. 8	3	35.033	19.25	
88.10.22	7	34.997	20.90	

13520 9.0 2.7836 +0.0094 +18.413 +0.153 28°4393

72.10.22	3	22 26 38.891	28 35 36.70	Z.C.δ35″9
74.10.28	2	38.676	35.26	
74.10.28	2	38.896	37.06	−1′
74.11. 7	3	38.907	34.94	
77.10.16	3	38.890	35.80	
77.10.26	3	38.865	35.59	
77.11.23	3	38.871	36.04	

13521 8.4 2.8172 +0.0083 +18.421 +0.154 25°4759

73.10.30	3	22 26 52.590	25 45 58.36	
74.11. 9	3	52.646	59.89	
75.10.25	3	52.659	58.77	
80.11. 4	3	52.722	58.89	

13522 9.1 2.7883 +0.0093 +18.424 +0.153 28°4395

84.10.24	7	22 26 56.997	28 16 21.09	
84.10.28	7	57.149	21.43	
84.10.29	7	57.161	20.83	

13523 8.4 2.8258 +0.0080 +18.426 +0.155 24°4604

80.10.30	3	22 26 59.578	25 1 52.43	
84.11.10	7	59.708	52.44	
85.11.16	5	59.788	52.95	
86.11.17	7	59.740	52.99	

13524 8.7 2.7848 +0.0094 +18.428 +0.152 28°4396

72.10.11	2	22 27 3.571	28 35 35.06	
72.11.21	3	3.916	33.97	
73. 9.18	3	3.659	35.31	
76.10.14	3	3.679	33.56	
77.11.23	3	3.738	34.28	

13525 9.3 2.7794 +0.0096 +18.429 +0.152 28°4397

79.11.13	2	22 27 4.925	29 2 50.23	†

13526 9.0 2.7934 +0.0092 +18.429 +0.153 27°4338

72.10.25	3	22 27 4.896	27 52 6.14	
72.11.29	3	5.233	5.66	
73. 9.17	3	4.907	6.03	
75.11. 4	3	4.934	4.93	
76.10.16	3	5.024	4.65	v. ft.
77.10 23	3	4.917	6.05	
78.10.12	3	4.812	6.12	
78.10.12	3	5.092	6.09	

13527 9.4 2.8137 +0.0085 +18.430 +0.154 — —

80.11. 3	3	22 27 7.226	26 7 51.86	†

13528 9^{m}3 2^{s}8097 +0^{s}0086 +18″434 +0″153 26°4455

72. 9.17	2	22^{h}27^{m}14^{s}130	26° 30′ 17″85	
74.11.19	2	13.769	18.65	−1 int.
76.10.17	3	13.836	17.52	
77.10.15	3	13.819	15.91	
90.11. 1	6	13.755	17.02	

13529 9.4 2.7782 +0.0097 +18.442 +0.151 29°4689

72.10.16	3	22 27 28.958	29 14 42 44	
73. 9.12	3	28.601	41.10	
75.10.21	2	28.732	42.03	
76.10.21	2	29.041	42.57	
78.10.26	3	28.716	41.35	

13530 8.7 2.8238 +0.0082 +18·444 +0.154 25°4762

72.10. 8	3	22 27 32.678	25 19 48.98	
73.10.30	3	32.714	49.71	
75. 9.30	1	32.513	49.01	clds.
77.11. 5	3	32.565	48.96	
78.11. 7	3	32.740	50.82	

13531 9.0 2.8018 +0.0090 +18.451 +0.152 27°4339

72.10. 3	3	22 27 43.552	27 18 4.64	Z.C. δ 4″8
73.10. 8	3	43.624	6.70	
76.10.16	2	43.636	4.11	ft.
77. 9.12	3	43.597	3.80	

13532 8.0 2.7828 +0.0097 +18.454 +0.151 28°4398

72.10.14	3	22 27 48.930	28 56 47.76	
72.11. 7	3	48.994	50.25	
74.11. 7	3	48.883	48.17	
75.10. 5	3	48.836	50.08	
77.10.16	3	48.919	49.16	
79.11.12	3	48.865	48.14	
79.11.15	3	48.829	49.00	
80.11.20	3	48.916	48.31	

13533 9.0 2.8040 +0.0089 +18.455 +0.152 27°4340

72. 9.26	3	22 27 50.504	27 8 36.46	
73.10. 8	3	50.717	37.70	
75.10. 5	2	50.291	34.46	−1^m

13534 9.4 2.7763 +0.0099 +18.455 +0.150 29°4690

81.11.10	3	22 27 51.666	29 30 8.69	
81.11.17	3	51.730	8.16	

13535 9.3 2.7981 +0.0092 +18.457 +0.151 27°4341

85.11.17	7	22 27 54.826	27 40 12.05	
86.11.18	7	54.863	13.24	

13536 9.0 2.7943 +0.0093 +18.457 +0.151 27°4342

73. 9.17	3	22 27 55.436	27 59 49.72	Z.C.δ48″1
74. 9.18	3	55.670	47.22	
77.10.18	3	55.547	47.40	

13537 8.7 2.7979 +0.0092 +18.459 +0.151 27°4343

72.10.25	3	22 27 58.074	27 41 48.86	Z.C.δ49″2
72.11.29	1	58.167	49.37	
77. 9.12	2	57.728	49.07	
77.10.23	3	57.929	49.90	
86.11. 1	7	57.950	48.66	

13538 9.3 2.7684 +0.0102 +18.459 +0.150 30°4736

79.11. 5	3	22 27 59.144	30 11 8.43	†

13539 $8^{m}.9$ $2^{s}.7888$ $+0^{s}.0095$ $+18''.461$ $+0''.151$ 28°4399

72.10.22	3	$22^{h}28^{m}$ $1^{s}.618$	28° 29′ $26''.86$	Z.C. δ $25''.8$
76.10.14	3	1.668	25.33	
77. 9.27	2	1.477	26.18	
77.10.16	3	1.711	25.00	
77.10.26	3	1.714	25.81	

13540 8.0 2.7821 +0.0098 +18.467 +0.150 28°4401

72.10.11	3	22 28 11.689	29 5 53.58	
72.11.21	2	11.755	55.10	+1°
78.11.18	3	11.822	54.68	s.f. of 2

13541 9.0 2.7781 +0.0099 +18.472 +0.150 29°4693

72.10.16	3	22 28 20.933	29 28 22.15	Z.C. δ $21''.1$
73.10.13	3	20.800	20.68	
74.11. 5	3	20.873	20.31	
76.10.21	3	20.994	20.38	
77. 9.21	3	20.937	21.17	
77.11.17	3	20.893	22.00	

13542 9.1 2.7852 +0.0097 +18.472 +0.150 28°4402

79.11. 6	3	22 28 21.702	28 53 1.28	†

13543 8.6 2.7920 +0.0094 +18.472 +0.151 28°4403

92.10. 7	7	22 28 21.729	28 18 21.12	
92.10.10	7	21.805	22.18	

13544 9.1 2.8303 +0.0081 +18.473 +0.153 24°4612

73.11. 1	3	22 28 23.456	24 56 25.40	†

13545 8.4 2.8216 +0.0084 +18.477 +0.152 25°4767

74.11. 9	3	22 28 29.377	25 44 27.64	
75.10.25	3	29.516	27.02	
80.11. 3	3	29.557	26.99	
80.11. 4	3	29.422	27.48	-1^{m}

13546 9.5 2.7953 +0.0094 +18.478 +0.150 — —

73. 9.18	3	22 28 30.844	28 3 24.01	† v. ft.

13547 6.8 2.8199 +0.0086 +18.485 +0.151 25°4768

73.10.30	3	22 28 43.584	25 57 10.30	Z.C. δ $10''.7$
77.11. 5	3	43.406	11.00	
79.10.21	3	43.472	10.74	

13548 8.8 2.7841 +0.0098 +18.488 +0.149 28°4405

85.11.18	5	22 28 48.680	29 5 25.57	
87.10.25	7	48.833	25.39	
90.10.21	5	48.592	24.43	
90.10.27	7	48.665	25.14	$+10^{s}$

13549 9.3 2.7844 +0.0098 +18.488 +0.149 28°4404

92.10.18	2	22 28 48.935	29 3 56.14	
92.10.22	6	48.599	56.21	w. $1-1^{s}$

13550 9.3 2.8314 +0.0082 +18.489 +0.152 24°4614

73.11. 1	3	22 28 51.534	24 56 56.63	w. $6+1^{s}$
77.10.17	3	51.622	54.28	

13551 $8^{m}.9$ $2^{s}.7864$ $+0^{s}.0098$ $+18''.493$ $+0''.149$ 28°4406

72 10.14	3	$22^{h}28^{m}$ $57^{s}.565$	28° 56′ $2''.80$	
79. 9.29	3	57.738	0.65	−1′
79.11. 6	3	57.478	2.43	
79 11.12	3	57.671	2.43	
79.11.13	3	57.416	2.30	
79.11.14	3	57.619	2.29	
79.11.14	2	57.559	2.53	
79.11.15	3	57.505	3.50	
80.10. 2	3	57.545	3.72	
80.10.21	3	57.657	2.70	
80.11.20	3	57.647	2.15	
80.11.22	3	57.665	2.28	
81.11.19	3	57.899	2.06	

13552 7.0 2.7819 +0.0099 +18.493 +0.149 29°4699

73.10.13	3	22 28 59.053	29 18 43.37	
75.10.21	2	59.026	42.84	
76.10.18	3	58.994	43.65	
78.10.26	3	59.017	44.06	

13553 8.6 2.7878 +0.0097 +18.495 +0.149 28°4407

72.10.22	3	22 29 1.559	28 49 12.76	Z.C. δ $11''.4$
77.10.26	1	1.733	12.27	
78.11.18	1	1.661	11.24	
80.11.19	3	1.654	9.53	$+1^{s}$

13554 9.0 2.8039 +0.0092 +18.496 +0.150 27°4346

72. 9.26	3	22 29 4.429	27 26 35.89	Z.C. δ $35''.8$
72.10. 3	3	4.332	36.47	
72.10.25	2	4.504	36.54	
75.10. 5	3	4.329	35.53	
77.10.18	3	4.185	34.70	

13555 7.0 2.7726 +0.0103 +18.502 +0.148 30°4744

73.10.13	1	22 29 14.878	30 9 28.97	
74.11. 5	3	14.839	28.77	
75.10.21	2	14.906	29.25	
77.11.17	3	14.737	30.31	

13556 9.5 2.8239 +0.0085 +18.503 +0.151 25°4769

72.10. 8	3	22 29 16.500	25 43 33.81	
73.10.30	2	16.106	35.67	
74.11. 9	3	16.114	34.71	

13557 9.0 2.8084 +0.0091 +18.503 +0.150 26°4459

72. 9.17	2	22 29 16.510	27 5 51.00	+5′
73.10. 8	3	16.550	53.06	Z.C. δ $51''.3$
73.10.14	3	16.309	51.07	
73.11.15	3	16.188	52.65	
77.10.15	3	16.235	48.62	

13558 8.1 2.7800 +0.0101 +18.505 +0.148 29°4700

74. 9.26	2	22 29 19.482	29 33 19.89	Z.C. δ $19''.6$
77. 9.19	3	19.457	19.77	
77.10. 4	3	19.632	19.11	

13559 9.5 2.8330 +0.0082 +18.506 +0.152 — —

76.10.10	2	22 29 20.488	24 54 47.51	†

13560 $8^{m}5$ $2^{s}8315$ $+0^{s}0083$ $+18''506$ $+0''151$ 24°4615

75. 9.30	3	$22^{h}29^{m}21^{s}645$	25° 3′ 8″51	
77.11. 5	3	21.470	7.58	
80.10.30	3	21.384	8.28	
80.11.19	2	21.460	9.09	
80.11.22	2	21.579	7.97	
81.11.23	3	21.556	10.08	clds.
84.10 23	7	21.713	8.41	

13561 8.5 2.8279 +0.0084 +18.508 +0.151 25°4771

76.10.10	1	22 29 24.552	25 23 29.96	Z.C. δ 30″0
77. 9.28	3	24.506	30.07	

13562 9.0 2.7721 +0.0103 +18.508 +0.147 30°4746

78.10.26	3	22 29 25.572	30 14 61.49	
79.10. 3	3	25.342	61.74	
79.11. 5	3	25.472	62.01	
79.11.12	2	25.446	61.39	
80.10.21	3	25.462	60.88	
80.11. 1	3	25.341	59.51	
80.11.20	3	25.414	58.04	

13563 9.5 2.8088 +0.0091 +18.509 +0.150 — —

73. 9.17	3	22 29 26.189	27 6 29.08	†

13564 8.4 2.7839 +0.0100 +18.512 +0.148 29°4701

72.10.16	3	22 29 31.643	29 16 60.77	Z.C. δ 0″5
74. 9.26	2	31.383	61.04	
76.10.18	2	31.494	59.86	
77.10. 4	3	31.435	60.16	

13565 9.1 2.7727 +0.0103 +18.513 +0.147 30°4747

74.11. 5	2	22 29 33.430	30 13 45.55	
76.10.21	3	33.616	43.02	
79.11.12	1	33.594	44.38	
80.10.30	2	33.319	45.29	

13566 9.5 2.7822 +0.0100 +18.515 +0.148 29°4702

81.10.25	2	22 29 37.454	29 27 25.59	v. ft.
81.11.10	3	37.440	24.34	
81.11.17	3	37.364	24.86	

13567 9.0 2.7966 +0.0096 +18.524 +0.148 28°4409

72.10.11	3	22 29 53.822	28 17 22.64	
72.10.14	3	53.888	23.48	
72.11. 7	2	54.036	25.38	
72.11.21	2	53.806	23.89	
74.11. 7	3	53.762	23.15	

13568 8.3 2.7830 +0.0101 +18.524 +0.147 29°4705

75.10.21	2	22 29 54.131	29 27 21.60	
76.10.21	1	54.354	22.26	
77. 9.19	3	54.006	22.96	
81.11.17	3	54.029	21.63	

13569 9.0 2.8148 +0.0090 +18.526 +0.149 26°4462

73.11.15	3	22 29 57.121	26 41 44.76	
74.11.19	3	57.217	43.07	
76.10.17	3	57.335	42.57	
84.10.24	4	57.372	43.53	

13570 8.0 2.7888 +0.0100 +18.542 +0.147 28°4411

72.10.22	3	22 30 26.654	29 5 57.45	Z.C. δ 56″4
74.10.28	3	26.261	56.40	
77.10. 5	3	26.387	56.90	v. c. d. s. f.
77.10.26	1	26.310	54.91	

13571 $7^{m}0$ $2^{s}8188$ $+0^{s}0089$ $+18''544$ $+0''149$ 26°4463

72. 9.17	1	$22^{h}30^{m}28^{s}558$	26° 28′ 29″93	
73.11.15	1	28.531	30.71	
78.11. 7	3	28.475	30.16	

13572 9.2 2.7911 +0.0099 +18.548 +0.147 28°4413

72.10.11	3	22 30 36.522	28 56 27.13	
72.10.14	3	36.358	27.02	
72.11.21	3	36.440	27.69	
74.11. 7	1	36.349	26.36	
79.11.15	3	36.405	27.35	
88.10.23	7	36.603	28.54	

13573 8.8 2.8252 +0.0087 +18.550 +0.148 25°4774

72.10. 8	3	22 30 40.858	25 56 11.41	
73.10.30	3	40.812	11.01	
73.11. 1	3	40.620	11.43	
80.11. 1	3	40.681	10.48	
84.11.10	7	40.810	10.32	

13574 9.0 2.8280 +0.0086 +18.551 +0.148 25°4775

84.10.28	5	22 30 42.611	25 41 29.96	
84.10.29	7	42.452	30.25	
85.11.17	7	42.336	30.28	

13575 7.5 2.8122 +0.0092 +18.553 +0.147 27°4351

72. 9.26	3	22 30 45.549	27 8 11.15	
72.10. 3	2	45.680	11.74	
72.10.25	3	45.457	10.90	
72.11.29	3	45.471	10.41	
75.10. 5	3	45.576	9.74	
76.10.16	3	45.555	11.97	
88.10.22	7	45.565	11.33	

13576 9.4 2.8126 +0.0092 +18.553 +0.147 27°4352

73. 9.17	3	22 30 45.930	27 6 16.47	
73.10. 8	3	46.070	17.75	
75.10. 5	2	45.876	15.20	
75.11. 4	3	45.793	16.69	
77.10.18	3	46.099	15.40	
77.10.23	3	46.049	16.20	
90.11.10	7	46.041	15.31	

13577 8.5 2.8032 +0.0096 +18.556 +0.147 27°4353

73.10. 8	2	22 30 50.825	27 56 57.56	
74. 9.18	3	50.549	57.75	
77. 9.12	3	50.730	55.15	
86.11.22	5	50.763	57.88	

13578 9.0 2.7855 +0.0102 +18.557 +0.146 29°4708

72.10.16	3	22 30 53.139	29 30 18.38	
73.10.13	2	53.311	16.97	
74. 9.26	3	53.221	17.49	
77. 9.21	3	53.150	17.43	

13579 9.0 2.7783 +0.0104 +18.558 +0.145 30°4751

84.10. 4	5	22 30 55.543	30 6 60″11	
84.10.16	3	55.473	60.18	
86.11.18	5	55.434	59.26	

13580 9.3 2.8157 +0.0091 +18.559 +0.147 26°4464

79.11. 7	3	22 30 56.022	26 51 20.29	†

13581	$7^{m}.1$	$2^{s}.7781$	$+0^{s}.0105$	$+18''.559$	$+0''.145$	30°4752
84.10.16	2	$22^{h}30^{m}57^{s}.264$	$30^{\circ}\ 8'\ 39''.78$			
84.10.22	5	57.231	39.05			
85 11.18	5	57.351	39.75			
13582	9.0	2.8144	+0.0092	+18.562	+0.147	26°4465
74.11.19	3	22 31 1.592	26 59 42.06			
75.11. 8	3	1.611	42.61			
76.10.17	3	1.603	42.94			
79. 9.29	3	1.668	41.86			
79.11. 6	3	1.732	43.22			
13583	8.0	2.7909	+0.0100	+18.565	+0.146	28°4415
73. 9.18	3	22 31 6.311	29 5 26.12			
74.10.28	3	6.479	25.64			
76.10.14	3	6.451	27.89			
77. 9.27	3	6.419	26.51			
77.10. 5	3	6.423	27.82			
77.10.26	1	6.506	25.51			
92.10.10	4	6.576	26.26			
13584	8.6	2.8068	+0.0095	+18.568	+0.147	27°4356
72.11 29	3	22 31 13.767	27 43 45.38			Z.C. $\alpha\ 13^{s}.74$
73. 9.17	3	13.740	45.59			Z.C. $\delta\ 45''.1$
75 11. 4	3	13.711	45.26			
77.10.18	3	13.690	43.65			-10^{s}
77.10.23	3	13.808	45.62			$+5'$
13585	8.7	2.7814	+0.0104	+18.569	+0.145	29°4710
74.11. 5	3	22 31 14.570	29 56 32.45			
77.10. 4	3	14.542	32.29			
77.11.17	3	14.467	32.93			
13586	9.0	2.8250	+0.0089	+18.571	+0.147	25°4776
73.10.30	2	22 31 18.190	26 5 54.26			
74.11. 9	3	18.045	53.26			
75. 9.30	3	18.196	53.12			
13587	8.6	2.8354	+0.0085	+18.578	+0.148	25°4777
76.10.10	3	22 31 31.142	25 11 38.78			
77.10.17	3	31.338	37.41			
77.11. 5	3	31.108	37.90			
79.10. 3	3	31.300	39.96			
79.11. 5	3	31.224	39.15			
80.11. 1	3	31.302	38.69			
80.11.22	3	31.429	37.47			
13588	9.5	2.7833	+0.0104	+18.581	+0.145	29°4714
72.10.16	2	22 31 36.270	29 52 17.63			†
13589	8.2	2.8185	+0.0092	+18.584	+0.146	26°4466
73.11.15	2	22 31 41.976	26 47 25.53			Z.C. $\delta\ 24''.5$
75.10.12	3	42.092	25.57			
76.10.17	3	41.719	24.43			
77.10.15	3	41.912	22.64			
78.11. 7	3	41.852	24.48			
13590	8.7	2.8178	+0.0092	+18.586	+0.146	26°4467
75.11. 8	3	22 31 44.682	26 52 32.72			
79.10.21	3	44.790	29.09			
79.11. 6	3	44.950	32.70			ft.
79.11.13	3	44.746	32.40			
79.11.14	3	44.889	31.78			

13591	$8^{m}.9$	$2^{s}.8136$	$+0^{s}.0094$	$+18''.587$	$+0''.146$	27°4360
72.10.25	3	$22^{h}31^{m}46^{s}.754$	$27^{\circ}15'45''.22$			Z.C. $\delta\ 45''.4$
74. 9.18	3	46.672	45.93			
76.10.16	3	46.648	45.02			
77. 9.12	3	46.651	45.59			
13592	8.0	2.8301	+0.0087	+18.590	+0.147	25°4779
72.10. 8	3	22 31 52.037	25 46 23.35			
79.10. 3	3	51.762	24.26			
79.11. 5	3	51.839	24.18			
80.10.30	3	51.872	22.75			
80.11. 3	3	51.968	22.58			$-1'$
80.11. 4	3	51.859	22.87			
80.11.20	3	52.033	22.91			
13593	8.9	2.8339	+0.0086	+18.591	+0.147	25°4780
74.11. 9	2	22 31 55.099	25 26 4.59			Z.C. $\delta\ 4''.2$
75. 9.30	2	55.246	3.66			
77.11. 5	2	55.215	4.20			
13594	9.0	2.8037	+0.0098	+18.591	+0.145	28°4418
72.10.14	3	22 31 55.411	28 10 46.33			
72.10.22	3	55.177	47.02			
72.11. 7	3	55.271	46.60			
72.11.21	3	55.360	46.66			
73. 9.18	3	55.342	46.84			
76.10.14	2	55.293	45.05			
13595	9.0	2.8001	+0.0099	+18.592	+0.145	28°4419
77.10.16	3	22 31 56.271	28 30 21.25			Z.C. $\delta\ 22''.2$
77.11.23	3	56.409	21.58			
78.10.12	3	56.305	22.83			
78.10.22	3	56.396	22.48			
78.10.26	3	56.267	22.59			
78.11.18	3	56.358	22.89			
78.11.18	1	56.418	22.80			
86.11. 1	5	56.450	21.45			
13596	7.4	2.7917	+0.0102	+18.597	+0.145	29°4715
73.10.13	3	22 32 5.585	29 16 30.62			
75.10.21	2	5.344	31.73			
76.10.18	3	5.392	32.40			
13597	9.0	2.8221	+0.0091	+18.599	+0.146	26°4468
73.10.14	2	22 32 8.807	26 34 8.93			
79.11.12	3	8.871	8.77			
13598	9.5	2.8286	+0.0089	+18.605	+0.146	25°4781
73.11. 1	3	22 32 19.846	26 1 47.43			†
13599	8.8	2.7859	+0.0105	+18.607	+0.143	29°4717
76.10.21	3	22 32 23.993	29 51 49.10			
92.10. 7	7	23.824	48.15			
13600	8.2	2.7955	+0.0102	+18.612	+0.144	28°4422
77.10.16	2	22 32 33.120	29 3 47.02			
92.10.18	7	33.177	48.33			
13601	8.7	2.8089	+0.0097	+18.614	+0.145	27°4362
72. 9.26	3	22 32 36.291	27 53 16.82			
72.10. 3	3	36.202	17.23			
72.10.25	3	36.108	16.98			
72.11.29	3	36.135	16.14			
76.10.16	3	36.284	16.89			
77.10.23	1	36.313	16.36			

13602 $9^{m}4$ $2^{s}8044$ $+0^{s}0099$ $+18''618$ $+0''144$ 28°4423

81.10.25	2	$22^{h}32^{m}43^{s}518$	28° 19′ 40″75	†

13603 9.4 2.8124 +0.0096 +18.619 +0.144 27°4364

73. 9.17	3	22 32 45 818	27 37 56.64	
73.10. 8	3	45.972	57.36	
75.11. 4	3	45.764	55.81	

13604 9.0 2.8187 +0.0093 +18.619 +0.144 26°4470

75.11. 8	3	22 32 46.857	27 2 53.14	
77.10.15	2	46.907	52.76	
78.11. 7	3	46.957	55.24	ex. ft.
79.11. 7	3	46.812	54.60	
79.11.13	3	46.802	53.87	
79.11.14	3	46.756	54.86	
79.11.15	3	46.829	53.18	
80.11. 3	3	46.904	53.79	
80.11.22	3	47.100	53.60	

13605 7.8 2.7964 +0.0102 +18.621 +0.143 28°4424

77. 9.27	3	22 32 50.428	29 3 41.93	
77.10. 5	3	50.640	44.79	
77.10.16	2	50.568	42.16	
77.11.23	3	50.489	42.35	
78.10.12	2	50.586	43.27	
78.10.26	2	50.538	43.77	+ 1 int.

13606 8.8 2.7873 +0.0105 +18.622 +0.143 29°4718

74.11. 5	3	22 32 51.343	29 51 37.46	
75.10.21	2	51.285	36.73	
76.10.18	3	51.137	37.14	
76.10.21	3	51.244	37.01	

13607 8.5 2.7952 +0.0103 +18.623 +0.143 29°4719

73.10.13	2	22 32 53.766	29 11 29.57	Z.C. δ 31″3
77. 9.19	3	53.617	31.30	
77.10. 4	3	53.615	32.60	
77.11.17	3	53.566	31.55	

13608 8.8 2.8226 +0.0092 +18.626 +0.144 26°4471

73.11.15	3	22 32 59.754	26 44 22.55	
77.10. 6	3	59.748	22.10	
77.10. 6	1	59.868	25.09	
79.10.21	3	59.732	20.83	
80.11. 8	3	59.819	20.62	
80.11. 8	2	59.949	21.35	
80.11.19	3	59.829	21.43	
80.11.20	3	59.803	21.00	

13609 8.1 2.7903 +0.0105 +18.627 +0.143 29°4720

74. 9.26	3	22 33 1.788	29 39 15.89	Z.C. δ 15″4
77.10. 4	3	1.908	13.85	
77.11.17	3	1.904	16.30	
81.11.10	3	2.010	15.94	
81.11.17	3	1.873	15.25	

13610 9.0 2.8022 +0.0101 +18.630 +0.143 28°4425

76.10.14	3	22 33 7.134	28 37 43.13	+ 10ˢ
93. 9. 5	7	7.037	46.42	

13611 9.0 2.8146 +0.0095 +18.631 +0.144 27°4365

74. 9.18	3	22 33 8.801	27 31 10.80	
75.10. 5	3	8.610	8.24	

13612 $9^{m}5$ $2^{s}8149$ $+0^{s}0095$ $+18''632$ $+0''144$ 27°4366

75.10. 5	2	$22^{h}33^{m}9^{s}160$	27° 29′ 38″94	†

13613 9.0 2.8071 +0.0099 +18.634 +0.143 28°4426

72.10.14	3	22 33 13.891	28 13 3.62	Z.C. δ 3″4
77 10. 5	3	13.789	3.27	

13614 9.3 2.8085 +0.0098 +18.634 +0.143 27°4367

72.10.11	3	22 33 14.400	28 5 15.81	
72.11. 7	3	14 234	16.02	
74.11. 7	3	14.055	15.91	

13615 9.5 2.8057 +0.0099 +18.636 +0.143 28°4427

73. 9.18	3	22 33 18.075	28 21 39.82	clds.
79.11. 5	3	18.148	40.21	
79.11.15	3	18.073	38.62	
80.10.21	3	18.312	39.74	
80.11. 1	3	18.278	38.98	+ 1 int.
80.11.22	3	18.273	40.29	
84.10.28	7	18.226	38.31	v. ft.

13616 8.5 2.8014 +0.0101 +18.638 +0.143 28°4428

78.11.18	2	22 33 21.040	28 45 31.77	
79.11.12	3	21.159	29.18	
80.11. 3	3	21.020	28.50	
80.11. 4	3	21.127	29.29	

13617 9.3 2.8255 +0.0092 +18.640 +0.144 26°4474

73.10.14	3	22 33 25.827	26 34 51.15	
75.10.12	3	25.903	51.49	
75.11. 8	2	25.889	50.76	

13618 9.4 2.7920 +0.0105 +18.642 +0.142 29°4721

81.10.31	3	22 33 29.082	29 37 37.96	
81.11.10	3	29.031	38.88	
81.11.17	3	29.123	38.74	

13619 9.0 2.8385 +0.0087 +18.643 +0.144 25°4783

72.10. 8	3	22 33 30.143	25 22 47.19	
73.11. 1	3	30.032	47.33	
74.11. 9	3	30.032	46.80	
76.10.10	3	29.978	46.39	

13620 8.9 2.8368 +0.0088 +18.647 +0.144 25°4785

73.10.30	1	22 33 38.052	25 34 46.18	
73.11. 1	2	38.559	46.53	
80.10. 2	3	38.336	47.97	
80.10.30	3	38.452	45.54	
80.11.20	3	38.508	45.99	

13621 8.9 2.8140 +0.0097 +18.650 +0.143 27°4371

72. 9.26	3	22 33 43.982	27 43 1.67	
72.10. 3	3	43.702	2.81	
72.10.25	3	43.755	1.74	
72.11.29	3	43.770	1.61	
76.10.16	2	43.810	0.93	−5′
77. 9.12	3	43.667	1.36	
77.10.18	3	43.663	0.62	
77.10.23	2	43.962	3.36	

13622 9.4 2.8267 +0.0092 +18.650 +0.143 26°4476

73.11.15	1	22 33 44.193	26 32 58.39	†

13623	$9^{m}.0$	$2^{s}.7920$	$+0^{s}.0106$	$+18''.655$	$+0''.141$	29°4723
72.10.16	3	$22^{h}33^{m}52^{s}.102$	$29°43'23''.08$			
73.10.13	2	52.378	20.37			
75.10.21	2	52.047	22.40			
13624	8.9	2.8411	+0.0087	+18.659	+0.144	25°4786
74.11. 9	3	22 34 0.088	25 14 54.25			Z.C. δ 53″.0
75. 9.30	3	0.326	52.72			
77.10.17	3	0.223	52.09			
13625	8.6	2.7882	+0.0107	+18.660	+0.141	30°4762
84.11.10	7	22 34 1.687	30 6 39.49			
92.10.25	7	1.854	39.73			
13626	9.5	2.8174	+0.0096	+18.666	+0.142	27°4374
73. 9.17	3	22 34 13.785	27 32 29.27			†
13627	8.4	2.7889	+0.0108	+18.670	+0.140	30°4765
84.10.16	7	22 34 21.220	30 8 13.70			
84.10.22	7	21.273	10.01			
86.11. 1	7	21.174	11.82			
13628	8.7	2.8102	+0.0100	+18.672	+0.141	28°4430
72.10.11	3	22 34 25.298	28 15 13.47			
72.10.14	2	25.263	12.97			
72.10.22	3	25.210	13.85			
72.11. 7	3	25.352	13.26			
79.10.21	3	25.311	12.83			
79.11. 6	3	25.301	12.90			
79.11. 7	3	25.046	13.38			
79.11.12	3	25.330	14.24			
79.11.13	3	25.176	12.78			
79.11.14	3	25.386	13.50			
80.11. 2	3	25.318	12.43			
80.11. 3	3	25.297	13.23			
80.11.20	2	25.342	12.74			
13629	7.9	2.8181	+0.0097	+18.677	+0.141	27°4376
72.10. 3	3	22 34 34.490	27 33 45.22			
72.11.29	3	34.423	43.44			
73.10. 8	3	34.435	44.03			
73.10. 8	2	34.725	43.91			
74. 9.18	3	34.369	43.88			
75.11. 4	3	34.391	42.87			−1 int.
13630	9.5	2.8045	+0.0103	+18.682	+0.141	28°4433
74.11. 7	3	22 34 43.450	28 51 27.24			
78.11.18	2	43.654	28.86			
79.10. 3	3	43.666	28.39			
79.11.12	3	43.738	26.61			
79.11.15	3	43.642	27.48			
80.10.21	2	43.990	27.32			
80.11.22	3	43.903	27.04			
13631	8.0	2.8344	+0.0091	+18.683	+0.142	25°4787
72.10. 8	3	22 34 45.356	26 5 10.41			−5′
73.11. 1	2	45.353	10.79			Z.C. δ 10″.4
76.10.10	3	45.216	10.23			
77.11. 5	3	45.201	10.21			
13632	8.6	2.7996	+0.0105	+18.687	+0.140	29°4726
72.10.16	3	22 34 52.698	29 20 27.66			c.d.p. D−50″
73.10.13	2	52.775	27.33			c.d.p.
74.11. 5	3	52.434	27.19			c.d.p.
76.10.18	3	52.635	27.19			c.d.p.
13633	$8^{m}.5$	$2^{s}.7990$	$+0^{s}.0106$	$+18''.700$	$+0''.139$	29°4729
74. 9.26	3	$22^{h}35^{m}18^{s}.457$	$29°30'29''.58$			
75.10.21	2	18.558	28.51			
76.10.21	3	18.584	28.89			
13634	8.7	2.7966	+0.0108	+18.704	+0.139	29°4731
77. 9.19	3	22 35 24.376	29 44 63.91			Z.C. δ 1″.2
77.10. 4	3	24.361	59.63			
77.11.17	3	24.467	59.95			
13635	9.0	2.8087	+0.0103	+18.704	+0.140	28°4435
72.10.22	3	22 35 24.531	28 39 6.34			
72.11. 7	3	24.454	3.87			
72.11.21	3	24.471	4.09			
73. 9.18	3	24.383	3.84			
13636	9.0	2.8152	+0.0100	+18.705	+0.140	27°4380
72.10.25	3	22 35 27.976	28 4 20.64			Z.C. δ 21″.0
74. 9.18	2	27.598	21.45			
75.10. 5	3	27.911	20.25			
77. 9.12	3	27.821	21.83			
13637	9.4	2.7987	+0.0107	+18.706	+0.139	29°4732
81.10.31	3	22 35 29.943	29 34 55.52			
81.11.10	3	29.771	56.43			
81.11.17	3	29.764	56.46			
13638	8.8	2.8011	+0.0106	+18.709	+0.139	29°4733 A
74. 9.26	3	22 35 35.177	29 23 44.59			
76.10.18	3	35.199	44.95			
79.10.21	3	35.295	43.95			
79.11. 5	3	35.284	45.36			
80.10.30	3	35.282	44.55			
80.11.19	3	35.178	42.82			
13639	8.9	2.8012	+0.0106	+18.710	+0.139	29°4733 B
79.10.21	3	22 35 36.645	29 23 40.50			
79.11. 5	2	36.564	41.11			
79.11.14	3	36.627	40.31			
80.10.30	3	36.542	41.81			
80.11.19	2	36.498	40.45			
13640	9.0	2.8381	+0.0091	+18.710	+0.141	25°4789
72.10. 8	3	22 35 36.033	25 56 38.76			
73.10.30	3	35.977	38.80			
76.10.10	3	35.865	38.77			
13641	6.3	2.7911	+0.0110	+18.712	+0.138	30°4771
92.10. 7	7	22 35 41.168	30 18 44.75			Z.C. δ 45″.1
92.10.10	4	41.133	45.42			
13642	9.1	2.8045	+0.0105	+18.714	+0.139	29°4734 A
73.10.13	1	22 35 44.930	29 7 24.02			
79.11. 7	3	44.817	25.48			
79.11.13	3	44.568	24.24			
79.11.15	2	44.746	23.94			
80.11. 1	2	44.694	22.00			
13643	9.1	2.8045	+0.0105	+18.714	+0.139	29°4734 B
76.10.21	3	22 35 44.977	29 7 45.98			
79.11. 7	2	45.228	46.08			
79.11.12	3	45.321	45.24			
79.11.13	3	45.228	44.79			
79.11.14	2	45.152	44.67			
79.11.15	2	45.236	45.19			
80.11. 1	3	45.175	44.01			

13644 8^m6 2^s8233 $+0^s0097$ $+18''716$ $+0''140$ 27°4382

72.10. 3	3	$22^h35^m48^s641$	27° 24′ 20″94	
72.11.29	2	48.496	19.42	
73. 9.17	3	48.361	20.29	
75.11. 4	3	48.338	19.17	
77.10.18	3	48.587	18.70	

13645 9.3 2.8378 +0.0092 +18.717 +0.140 25°4791

73.11. 1	2	22 35 50.811	26 1 43.03	
74.11. 9	3	50.804	43.30	
75. 9.30	3	50.845	42.11	
76.10.10	1	50.806	42.82	

13646 5.1 2.8101 +0.0103 +18.719 +0.139 28°4436

72.10.11	3	22 35 53.471	28 39 19.50	
72.11.21	3	53.391	19.51	
73. 9.18	3	53.545	20.31	
76.10.14	3	53.447	19.60	

13647 9.0 2.7933 +0.0110 +18.721 +0.138 30°4773

75 10.21	2	22 35 58.878	30 12 14.78	
77.10. 4	3	59.041	14.64	

13648 9.3 2.8048 +0.0105 +18.724 +0.138 29°4735

78.10.26	3	22 36 3.060	29 10 44.15	
79.11. 6	2	2.931	42.45	

13649 9.3 2.8049 +0.0105 +18.726 +0 138 29°4736

72.10.16	3	22 36 7.187	29 11 46.71	
74.11. 5	3	7.487	45.40	v. ft.
78.10.26	2	7.411	45.73	
79.10. 3	3	7.149	46.75	
79.11. 6	3	7 212	45.17	
80.10.21	3	7.729	47.64	

13650 9.0 2.8299 +0.0096 +18.739 +0.139 26°4482

73.10.14	3	22 36 33.011	26 58 54.31	
73.10.27	3	32.965	56.00	
73.11.15	3	32.883	54.97	

13651 9.3 2.8159 +0.0102 +18.740 +0.138 28°4438

72.10.14	3	22 36 33.779	28 17 49.18	w. 4 − 1^s
76.10.14	3	33.400	48.14	Z.C. δ 48″9
77. 9.27	3	33.563	49.41	

13652 9.0 2.8082 +0.0105 +18.745 +0.137 28°4439

72.10.11	2	22 36 43.351	29 3 54.56	
72.10.22	2	43.021	56.38	
72.11. 7	2	43.274	57.48	

13653 9.5 2.7997 +0.0109 +18.746 +0.137 29°4739

81.11.17	3	22 36 44.697	29 51 10.23	†

13654 9.5 2.8334 +0.0096 +18.749 +0.139 26°4484

73.10.14	3	22 36 50.924	26 42 61.16	Z.C. δ 0″5
73.11.15	3	50.884	62.67	
77.10.15	3	51.108	57.80	w. 3 − 10^s

13655 8.9 2.8088 +0.0105 +18.752 +0.137 28°4440

72.10.22	1	22 36 57.773	29 4 30.23	
72.11. 7	2	57.794	28.26	
74.11. 7	3	57.731	28.40	

13656 7^m8 2^s8276 $+0^s0098$ $+18''755$ $+0''138$ 27°4388

72. 9.26	3	$22^h37^m\,3^s670$	27° 20′ 4″81	
72.10.25	3	3.803	5.38	
74. 9.18	3	3.580	4.65	
76.10.16	2	3.542	5.34	
77. 9.12	3	3.627	4.62	
84.10. 4	7	3.682	5.26	− 1′
84.10.23	5	3.589	5.18	
84.10.24	5	3.678	5.21	

13657 9 5 2.8493 +0.0089 +18.756 +0.139 25°4793

80.10. 2	3	22 37 4.543	25 13 40.44	†

13658 8.9 2.8259 +0.0099 +18.756 +0.138 27°4389

72.10. 3	3	22 37 4.746	27 30 11.39	Z.C. δ 10″6
72.11.29	2	4.715	10.76	
73. 9.17	3	4.513	10.65	+ 5′
75.10 5	3	4.490	10.92	
77.10.18	3	4 666	9.34	

13659 9.3 2.8349 +0.0096 +18.757 +0.138 26°4487

75.10.12	3	22 37 6.172	26 38 29.15	
80.11. 1	3	6.339	27.55	
84.10.16	5	6.140	28.55	

13660 Fundamental Star 29°4741

13661 9.5 2.8480 +0.0091 +18.766 +0.139 25°4794

72.10. 8	2	22 37 25.024	25 26 32.13	
73.10.30	3	24.899	31.90	
76.10.10	3	25.038	31.72	

13662 8.7 2.8515 +0.0089 +18.771 +0.138 25°4795

73.11. 1	3	22 37 33.087	25 7 46.51	
74.11. 9	3	33.111	46.98	
79.10. 3	3	33.223	47.40	
79.10.21	3	33.124	45.88	
79.11. 7	3	33.188	48.39	
80.11. 3	3	33.214	47.44	

13663 8.7 2.8448 +0.0092 +18.772 +0.138 25°4796

75. 9.30	3	22 37 35.435	25 48 8.35	
79.11.13	3	35.381	7.91	+ 5′: p. of 2
79.11.14	3	35.322	8.59	s. p. of 2
79.11.15	3	35.384	7.84	
80.11. 8	3	35.690	8.09	
80.11.20	3	35.477	7.94	
83. 9.25	3	35.353	7.93	

13664 8.1 2.8073 +0.0108 +18.777 +0.136 29°4742

72.10.16	3	22 37 46.415	29 26 12.78	Z.C. δ 11″9
77.10. 4	3	46.503	11.32	− 1^s
77.11.17	3	46.400	11.70	

13665 8.0 2.8331 +0.0098 +18.781 +0.137 26°4488

73.11.15	3	22 37 54.200	27 1 50.43	
77.10. 6	3	54.132	49.60	
77.10. 6	2	54.352	49.15	
77.10.15	3	54.236	47.09	
80.11.22	3	54.373	49.17	

13666 9.5 2.8111 +0.0107 +18.781 +0.136 29°4743

90.10.14	5	22 37 54.589	29 7 13.99	†

13667	8$^{\rm m}$7	2$^{\rm s}$8435	+0$^{\rm s}$0093	+18″782	+0″137	25°4799
73. 11. 1	2	22$^{\rm h}$37$^{\rm m}$56$^{\rm s}$668		26° 1′ 11″86		
74 11. 9	3	56.683		11.03		
79. 11. 15	1	56.710		11.71		
80. 11. 19	3	56.668		11.50		
82. 10. 20	3	56.799		12.84		
83. 9. 26	3	56.692		11.95		
83. 10. 29	5	56.740		13.06		
13668	8.2	2.8133	+0.0106	+18.783	+0.136	28°4442
72. 10. 14	3	22 37 57.463		28 56 2.45		Z.C. δ 2″4
72. 11. 21	3	57.357		3.37		
77. 9. 27	3	57.368		1.54		
83. 9. 20	3	57.393		2.28		
13669	8.0	2.8170	+0.0105	+18.786	+0.136	28°4443
73. 9. 18	1	22 38 4.153		28 37 20.98		
77. 10. 2	3	3.871		20.76		
78. 10. 12	3	3.983		20 03		
13670	9.5	2.8128	+0.0106	+18.787	+0.135	— —
73. 9. 18	3	22 38 5.584		29 1 7.33		† clds.
13671	9.1	2.8011	+0.0112	+18.790	+0.135	30°4787
84. 10. 28	5	22 38 11.115		30 7 54.35		
84. 10. 29	5	11.168		53.00		
13672	8.2	2.8349	+0.0098	+18.791	+0.136	26°4489
79. 11 5	3	22 38 13.854		26 56 32.26		
79. 11. 13	3	13.886		32.02		
13673	9.1	2 8239	+0.0102	+18.792	+0.135	27°4395
72. 10. 25	3	22 38 16 185		28 1 1.96		
72. 11. 29	2	16.335		2.89		
73. 10. 8	3	16.119		1.46		− 1′
75. 10. 5	3	16.230		0.98		
13674	9.3	2.8071	+0.0109	+18.793	+0.135	29°4744
78 10. 26	3	22 38 17.220		29 36 0.35		Z.C. δ 0″8
79. 11. 6	3	16.891		0.41		
83. 9. 24	2	16.861		2.25		
83 10 20	4	17.003		0 32		
13675	8.6	2.8142	+0.0106	+18.795	+0.135	28°4444
72. 10. 14	3	22 38 20.424		28 57 16.75		Z.C. δ 17″1
83. 9. 20	4	20.294		17.48		§
83. 9. 27	3	20.352		16.75		
88. 10. 22	7	20.431		17.84		+ 1′
13676	9.5	2.8387	+0.0097	+18.797	+0.136	— —
73. 10. 27	3	22 38 25.078		26 37 19.30		†
13677	8.7	2.8456	+0.0094	+18.808	+0.136	25°4802
79. 10. 21	3	22 38 47.120		26 2 28.83		s. of 2
79. 11. 7	3	47.196		29.21		
13678	9.0	2.8086	+0.0110	+18.811	+0.134	29°4745
72. 10. 16	3	22 38 52.783		29 38 12.29		
76. 10. 21	3	52.626		9.93		
77. 11. 17	3	53.091		12.13		
13679	9.2	2.8047	+0.0112	+18.815	+0.133	29°4748
79. 11. 15	1	22 39 0.611		30 2 6.53		†
13680	9$^{\rm m}$2	2$^{\rm s}$8079	+0$^{\rm s}$0112	+18″825	+0″133	29°4750
93. 10. 30	7	22$^{\rm h}$39$^{\rm m}$20$^{\rm s}$971		29° 50′ 15″48		†
13681	8.6	2.8555	+0.0091	+18.831	+0.135	25°4805
77. 10. 17	3	22 39 31.615		25 14 15.34		Z.C. δ 16″7
79. 11. 5	3	31.684		17.57		
79. 11. 6	2	31.418		17 36		
79. 11. 12	3	31.525		16.36		
80. 10. 2	3	31.493		18.67		
80. 11. 1	3	31.592		15.58		
83. 9. 25	3	31.538		16.19		
83. 11. 14	5	31.775		16.84		
13682	8.7	2.8335	+0.0101	+18.831	+0.133	27°4397
75. 10. 5	3	22 39 32.695		27 26 37.01		+ 1′
78. 11. 18	3	32.766		37.44		
84. 10. 23	5	32.787		38.29		
13683	9.0	2.8354	+0.0101	+18.832	+0.134	27°4398
82. 10. 20	3	22 39 33.865		27 15 46.00		Z.C. δ 46″9
83. 10. 6	3	34.042		48.06		
83. 11. 21	2	33.799		46.55		
13684	8.5	2.8081	+0.0112	+18.835	+0.132	29°4752
78. 10. 26	3	22 39 39.504		29 54 21.25		Z.C. Ep. 82.2
79. 11. 13	3	39.417		20.59		
83. 9. 26	3	39.389		21.80		
83. 11. 23	5	39.463		20.55		
84. 10. 24	5	39.354		21.15		
13685	7.2	2.8096	+0.0112	+18.837	+0.132	29°4753
76. 10. 21	3	22 39 44.831		29 47 50.13		Z.C. δ 49″4
83. 11. 19	3	44.590		48.62		
13686	9.2	2.8053	+0.0114	+18.838	+0.132	30°4795
92. 10. 10	7	22 39 46.166		30 12 38.35		
92. 10. 22	6	46.250		37.48		
93. 9 22	7	46.102		39.75		
13687	8.7	2.8211	+0.0107	+18.840	+0.133	28°4446
77. 9. 27	3	22 39 50.861		28 44 18.93		Z.C. δ 19″6
78. 10. 12	3	50.760		20.11		
83. 10. 29	4	50.836		19.74		+ 1$^{\rm m}$
13688	9.4	2.8126	+0.0111	+18.842	+0.132	29°4754
83. 9. 27	3	22 39 53.812		29 33 35.99		Z.C. δ 36″2
83. 11. 12	3	53.912		36.39		
13689	9.3	2.8075	+0.0113	+18.843	+0.132	29°4756
79. 11. 5	2	22 39 56.325		30 3 35.71		
79. 11 15	1	56.181		36.21		
80. 11. 1	3	56.562		36.07		
13690	9.3	2.8292	+0.0104	+18.847	+0.133	27°4401
83. 11. 17	3	22 40 5.262		28 0 38.33		
92. 11. 3	3	5.278		38.79		
93. 9. 15	7	5.144		39.78		
13691	9.4	2.8539	+0.0093	+18.848	+0.134	25°4807
83. 10. 20	4	22 40 6.007		25 33 7.51		Z.C. δ 9″0
83. 11. 21	2	6.099		10.59		

13692	$9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.8406$	$+0^{\mathrm{s}}.0100$	$+18''.849$	$+0''.133$	26°4498
75.11. 8	3	$22^{\mathrm{h}}40^{\mathrm{m}}\ 8^{\mathrm{s}}.231$		$26^\circ\ 54'\ 10''.93$		Z.C. δ 11″.2
77.10.15	3	8.496		10.08		
79.11. 7	1	8.432		12.52		
13693	9.0	2.8095	+0.0113	+18.850	+0.132	29°4757
80.11.27	2	22 40 10.675		29 56 7.84		– 1^{m}
83.11. 9	4	10.562		7.45		
84.10.28	5	10.562		8.18		
13694	8.2	2.8480	+0.0096	+18.851	+0.133	26°4499
83. 9.24	3	22 40 13.185		26 11 23.53		
83.11. 8	6	13.258		24.78		
84.10 29	5	13.124		22.36		
13695	9 0	2 8568	+0.0092	+18.853	+0.134	25°4808
83 11.10	3	22 40 15.606		25 17 42.69		Z.C. δ 43″.8
92.10.25	7	15.819		45.01		
13696	9.4	2.8304	+0.0104	+18.856	+0.132	27°4403
78.11.18	3	22 40 22.509		27 58 36.90		†
13697	9.0	2.8069	+0.0115	+18.856	+0.131	30°4797
93. 9. 5	7	22 40 22.851		30 14 24.90		
93. 9.30	7	23.030		22.85		
93.10. 4	7	22.784		22.46		
93.10. 6	6	22.777		22.95		
13698	7.8	2.8575	+0.0093	+18.867	+0.133	25°4809
83.11.19	3	22 40 44.740		25 21 38.15		
92.10.29	7	44.736		38.42		
13699	8.4	2.8614	+0.0092	+18.868	+0.133	24°4654
83. 9.25	3	22 40 45.965		24 57 7.96		Z.C. δ 8″.5
83.11. 9	4	46.094		9.08		
13700	7.6	2.8596	+0.0092	+18.868	+0.133	25°4810
79.11.13	3	22 40 46.966		25 8 44.97		–10′
83. 9.20	6	46.946		45.12		Z.C. δ 46″.98
83.10. 5	3	46.946		44.67		
83.10. 6	5	47.064		47.21		
13701	9.0	2.8205	+0.0109	+18.870	+0.131	28°4450
77. 9.27	3	22 40 51.309		29 5 28.96		Z.C. δ 29″.5
77.10. 2	3	51.352		29.44		
78.10.12	3	51.467		29.96		
13702	9.4	2.8258	+0.0107	+18.871	+0.131	28°4451
77.10. 2	1	22 40 51.987		28 34 40.38		Z.C. δ 40″.3
90.11.10	7	51.942		40.18		
13703	9.4	2.8107	+0.0114	+18.873	+0.130	29°4761
72.10.16	3	22 40 55.996		30 2 59.40		
76.10.21	3	56.266		58.03		
13704	8.6	2.8334	+0.0104	+18.874	+0.131	27°4405
75.10. 5	3	22 40 59.164		27 51 40.57		Z.C. δ 41″.1
83.11.10	3	59.375		41.53		
83.11.14	3	59.515		41.28		
13705	8.2	2.8195	+0.0110	+18.877	+0.131	29°4763
79.11. 5	2	22 41 4.301		29 15 5.04		
80.11.27	2	4.657		5.17		
13706	$9^{\mathrm{m}}.1$	$2^{\mathrm{s}}.8586$	$+0^{\mathrm{s}}.0094$	$+18''.886$	$+0''.132$	25°4813
83. 9.24	4	$22^{\mathrm{h}}41^{\mathrm{m}}23^{\mathrm{s}}.027$		$25^\circ 24' 43''.07$		Z.C. α $23^{\mathrm{s}}.14$
83.10.29	4	23.344		42.82		
84.10.16	5	23.037		42.93		s.p. of 2
13707	8.6	2.8375	+0.0103	+18.889	+0.130	27°4407
78.11.18	3	22 41 28.606		27 36 3.30		
83.10.20	4	28.598		1.95		
83.11.23	4	28.534		2.03		
13708	9.0	2 8443	+0.0100	+18.891	+0.131	26°4502
75.11. 8	3	22 41 32.666		26 55 27.72		
79.11. 6	3	32.453		28.36		
79.11. 7	2	32.478		29.11		
79.11.13	1	32.208		28.45		
79.11.15	2	32.433		28.35		
13709	8 2	2.8196	+0.0112	+18.899	+0.129	29°4767
72.10.16	3	22 41 50.847		29 28 18.68		
78.10.22	3	50.770		19.11		
78.10.26	3	50.829		18.57		
13710	9.3	2.8144	+0.0114	+18.901	+0.129	29°4768
83.10. 5	3	22 41 53.912		29 59 31.54		†
13711	9.4	2.8216	+0.0112	+18.907	+0.129	29°4769
82 10.20	3	22 42 6.783		29 21 40.57		
83.11.12	4	6.656		39.95		
84.10.23	5	6.773		39.94		
13712	8.5	2.8154	+0.0114	+18.909	+0.129	29°4771
83.10. 6	4	22 42 9.475		29 58 1.24		Z.C. δ 0″.7
83.11.23	3	9.447		0.24		– 10′
13713	8.3	2.8623	+0.0093	+18.910	+0.131	25°4815
79.11. 6	3	22 42 11.382		25 15 2.31		Z.C. δ 2″.7
83. 9.20	4	11.414		3.01		
83.11.21	3	11.329		2.83		
84.10.24	7	11.449		2.75		
13714	9.1	2.8252	+0.0110	+18.911	+0.129	28°4456
77. 9.27	3	22 42 14.465		29 2 24.87		
84.10.28	5	14.361		24.10		
84.10.29	7	14.382		24.39		
13715	8.1	2.8419	+0.0104	+18.921	+0.129	27°4413
73. 9.17	3	22 42 34.280		27 27 47.58		Z.C. δ 47″.2
75.10. 5	3	34.110		46.54		
78.11.18	2	34.242		47.11		
83.11.14	2	34.337		47.62		
13716	8.5	2.8361	+0.0107	+18.922	+0.129	27°4414
83. 9.25	3	22 42 37.293		28 4 7.92		
83.11. 8	4	37.478		8.63		
83.11.19	3	37.257		9.82		
13717	9.5	2.8512	+0.0100	+18.923	+0.129	26°4505
83. 9.27	3	22 42 38.558		26 32 1.23		Z.C. δ 1″.4
83.11.17	2	38.686		1.47		
13718	8.0	2.8629	+0.0095	+18.926	+0.130	25°4818
83. 9.26	3	22 42 46.025		25 20 42.94		Z.C. δ 42″.7
83.10.29	1	46.237		43.46		
83.11.10	3	46.019		41.70		

13719	$9^{m}5$	$2^{s}8552$ $+0^{s}0098$	+18″926 +0″129	26°4506
75.11. 8	3	$22^{h}42^{m}46^{s}385$	26° 9′ 6″85	Z.C.δ 6″7
79.11. 5	3	46.251	6.09	
79.11.13	2	46.280	6.42	
83.11.12	3	46.101	7.35	
13720	9.2	2.8396 +0.0106	+18.927 +0.129	27°4415
83.11. 9	3	22 42 48.345	27 46 11.29	Z.C.δ9″7
92 10.10	7	48.551	8.03	
13721	9.2	2.8158 +0.0116	+18.927 +0.127	30°4811
86.11. 2	7	22 42 48.738	30 7 34.60	v. ft.
86.11.17	5	48.593	33.34	Z.C. Ep. 90.3
93 10. 6	3	48.617	34.50	
93.10.18	7	48.667	34.62	
13722	9.5	2.8616 +0.0095	+18.929 +0.130	25°4819
77.10.17	2	22 42 52.335	25 30 21.43	v. ft.: w. $3-2^{s}$
92.10.22	3	52.384	22.98	
13723	9.5	2.8412 +0.0105	+18.931 +0.128	27°4418
75.10. 5	3	22 42 55.112	27 38 24.46	
75.11. 4	3	54.899	25.18	v. ft.
13724	8.6	2.8510 +0.0101	+18 937 +0.129	26°4507
77.10. 6	3	22 43 7.384	26 41 50.35	Z.C.δ51″2
77.10 6	2	7.384	51.72	
83.10. 6	1	7.651	51.93	
83.11.21	3	7.453	50.93	
13725	9.1	2.8501 +0.0101	+18.939 +0.129	26°4508
84.10.16	5	22 43 11.911	26 48 10.76	
84.10.22	5	11.743	9.06	
13726	7.5	2.8592 +0.0097	+18.940 +0.129	25°4820
79.10. 3	3	22 43 13.699	25 51 10.69	clds.
83. 9.24	4	13.702	11.52	Z.C.δ11″0
83. 9.27	2	13.614	10.89	
83.11.19	1	13.493	11.00	− 5′
13727	9.2	2.8247 +0.0113	+18.944 +0.127	29°4773
80.11.27	3	22 43 22.093	29 26 4.60	†
13728	8.5	2.8177 +0.0116	+18.945 +0.126	30°4815
72.10.16	3	22 43 25.664	30 8 33.32	Z.C.δ 32″4
78.10.26	3	25.657	32.40	
80.11.20	3	25.608	32.22	
83.11. 8	4	25 642	32.40	
83.11.17	1	25.681	32.26	
86.11.22	7	25.672	31.92	
13729	8.9	2.8295 +0.0112	+18.948 +0.127	28°4459
77.10. 2	3	22 43 31.808	29 0 19.05	
78.10.12	3	32.019	19.05	
13730	9.4	2.8502 +0.0102	+18.952 +0.128	26°4511
79.11. 7	2	22 43 38.965	26 55 23.67	
83.10.20	4	38.921	22.61	$+1^{s}$
93. 9. 5	6	38.714	23.92	
13731	9.2	2.8530 +0.0101	+18.955 +0.128	— —
80.11.27	2	22 43 45.708	26 39 24.87	†
13732	$8^{m}9$	$2^{s}8506$ $+0^{s}0103$	+18″956 +0″127	26°4512
79.11. 7	3	$22^{h}43^{m}47^{s}514$	26°55′ 39″45	Z.C.δ39″1
79.11.15	3	47.321	38.82	
83. 9.20	3	47.448	38.93	
13733	7.8	2.8377 +0.0109	+18.958 +0.127	28°4461
73. 9.18	3	22 43 51.637	28 16 56.95	Z.C.δ57″3
83. 9.26	3	51.547	57.56	
84.11.10	7	51.491	57.50	
13734	8.4	2.8201 +0.0116	+18.959 +0.126	29°4776
78.10.22	3	22 43 53.749	30 3 14.25	
80.10.30	3	53.592	11.34	
80.11.20	3	53.720	12.36	
83. 9.25	3	53.588	11.90	
84.11.21	7	53.701	12.20	
13735	8.7	2.8353 +0.0111	+18.966 +0.126	28°4462
77. 9.27	3	22 44 10.030	28 37 2.39	
78.10.12	3	9.957	3.27	
79.10. 3	2	9.995	3.56	
13736	8.6	2.8573 +0.0102	+18.982 +0.126	26°4514
79.11. 6	3	22 44 43.280	26 29 59.71	Z.C.δ0″9
80.11.20	2	43.459	60.66	
83.10.29	2	43.554	61.65	
84.10.23	5	43.455	61.53	
13737	9.4	2.8344 +0.0113	+18.991 +0.124	28°4465
79.11.13	3	22 45 1.499	28 58 17.52	Z.C.α $1^{s}54$
79.11.15	3	1.418	18.04	
82.10.20	3	1.592	18.92	− 1°
83. 9.24	4	1.452	19.34	
83.10. 6	1	1.753	18.48	− 1 int.
83.11.10	7	1.535	17.66	
13738	9.0	2.8545 +0.0104	+18.993 +0.125	26°4515
73.10.14	3	22 45 6.304	26 54 5.29	
73.11.15	2	5.976	3.95	
83.11. 9	4	6.293	4.70	
84.10.24	7	6.222	4.54	
13739	8.8	2.8563 +0.0103	+18.999 +0.125	26°4517
77.10.15	3	22 45 19.160	26 46 16.63	Z.C.δ17″9
79.10. 3	3	19.249	18.25	
79.11. 5	3	19.208	18.46	
83. 9.25	3	19.075	18.37	
13740	8.5	2.8391 +0.0111	+18.999 +0.124	28°4468
72.10.14	3	22 45 20.301	28 34 17.75	
72.10.22	1	20.121	18.72	
72.11. 7	3	20.141	17.90	
73. 9.18	3	20.137	17.61	
13741	8.9	2.8365 +0.0113	+19.000 +0.124	28°4469
72.10.11	2	22 45 21.531	28 51 43.61	Z.C.δ43″6
77.11.23	2	21.582	43.67	
78.11.18	3	21.313	43.55	
83. 9.27	4	21.330	43.87	
84.10.28	7	21.413	43.12	
13742	8.4	2.8340 +0.0114	+19.002 +0.124	29°4783
72.10.16	3	22 45 25.280	29 8 14.22	
73.10.13	3	25.477	13.77	
78.10.22	3	25.413	15.53	
78.10.26	3	25.351	14.24	

13743 6^{m}7	**2^{s}8664**	**+0^{s}0099**	**+19″003**	**+0″125**	25°4828
72.10. 8	2	22^{h}45^{m}27^{s}732	25° 43′ 41″09		
73.10.30	3	27.707	42.00		
83. 9.26	5	27.660	42.26		
13744 8.7	**2.8516**	**+0.0106**	**+19.005**	**+0.125**	27°4426
72. 9.26	3	22 45 32.614	27 20 17.29		
72.10.25	3	32.390	17.89		
72.11.29	3	32.481	18.18		
73. 9.17	3	32.372	18.73		
75.11. 4	3	32.482	17.71		
76.10.16	3	32.502	17.37		
13745 8 8	**2.8576**	**+0.0103**	**+19.006**	**+0.125**	26°4518
75 11. 8	3	22 45 34.412	26 42 60.60		Z.C. δ 0″8
77.10.15	3	34.340	59.36		
80.11.27	3	34.384	61.85		
83.10.20	4	34.492	60.96		
84.10.16	5	34.389	61.92		
84.10.22	5	34.402	60.11		
84.10.29	7	34.368	60.57		
13746 9.0	**2.8673**	**+0.0099**	**+19.009**	**+0.125**	25°4830
73.11. 1	3	22 45 41.330	25 42 19.16		Z.C. δ 19″9
74.11. 9	3	41.315	19.47		
83.11. 9	2	41.388	19.53		
88.10.23	7	41.419	21.40		
13747 8.8	**2.8233**	**+0.0119**	**+19.013**	**+0.122**	30°4822
92.10.10	7	22 45 49.226	30 20 52.69		
92.10.22	7	49.303	54.95		
13748 7.8	**2.8329**	**+0.0115**	**+19.013**	**+0.123**	29°4786
72.10.16	2	22 45 49.867	29 22 54.91		
74.11. 5	3	49.783	55.02		
76.10.18	3	49.768	55.64		
80.11. 4	3	49.769	55.09		
13749 8.9	**2.8273**	**+0.0118**	**+19.016**	**+0.123**	29°4787
79.10.21	3	22 45 56.779	29 59 10.27		
79.11. 7	3	56.816	12.70		
79.11.13	3	56.792	12.35		
79.11.15	3	56.770	11.86		
80.11.19	3	56.764	11.57		
80.11.20	2	56.788	13.25		
80.11.22	3	56.864	13.02		—10′
83.10. 5	4	56.758	12.42		
13750 9.1	**2.8321**	**+0.0116**	**+19.018**	**+0.123**	29°4788
75 10.21	1	22 46 0.864	29 30 52.38		†
13751 9.0	**2.8336**	**+0.0115**	**+19.019**	**+0.123**	29°4789
74.11. 5	1	22 46 1.303	29 21 58.39		+ 1^s
78.10.22	3	1.426	59.74		d. n.
92.10.17	7	1.522	58.44		
13752 8.7	**2.8311**	**+0.0117**	**+19.019**	**+0.123**	29°4790
73.10.13	1	22 46 2.629	29 37 29.75		
80.11. 8	2	2.886	29.13		
82.10.20	3	2.747	30.11		
83.11. 8	5	2.697	30.41		
84.11. 3	4	2.688	31.57		
84 11.10	7	2.584	28.84		
13753 8.5	**2.8398**	**+0.0113**	**+19.020**	**+0.123**	28°4472
72 11.21	3	22 46 4.413	28 44 17.32		Z.C. δ 17″2
77.10. 5	1	4.164	16.02		
77.10.16	3	4.338	18.31		

13754 8^{m}9	**2^{s}8322**	**+0^{s}0116**	**+19″021**	**+0″123**	29°4791
75.10.21	2	22^{h}46^m 7^{s}474	29° 32′ 44″74		– 1^s
78.10.26	3	7.638	44.03		ft.
79.11.12	3	7.545	43.97		
80.11. 1	3	7.365	43.36		
13755 9.0	**2.8386**	**+0.0114**	**+19.025**	**+0.123**	28°4473
74.11. 7	3	22 46 14.977	28 55 30.26		
78.10.12	3	15.117	29.78		
78.11.18	3	14.898	30.06		
80.10.25	3	14.903	29.99		
85.11.16	7	14.996	30.72		
85.11.17	7	14.988	29.39		
13756 8.3	**2.8341**	**+0.0116**	**+19.029**	**+0.122**	29°4792
74. 9 26	3	22 46 24.649	29 26 25.36		
79.10.21	2	24.724	23.78		
79.11. 6	3	24.664	25.24		
79.11.14	3	24.869	25.73		
13757 9.0	**2.8417**	**+0.0113**	**+19.033**	**+0.122**	— —
73. 9.18	2	22 46 33.288	28 41 48.83		
90.10.14	7	33.216	48.66		
13758 8.8	**2.8420**	**+0.0113**	**+19.042**	**+0.121**	28°4475
72.10.11	3	22 46 53.259	28 46 40.51		
72.10.14	3	53.150	40.71		
72.11. 7	3	53.139	39.85		
74.11. 7	2	52.974	40.53		
76.10.14	3	52 937	41.25		
77.11.23	3	53.069	40.80		
78.10.12	3	53.019	40.59		
13759 9.3	**2.8427**	**+0.0114**	**+19.048**	**+0.121**	28°4476
74.11. 7	1	22 47 6.134	28 46 8.26		†
13760 7.4	**2.8656**	**+0.0103**	**+19.050**	**+0.122**	26°4524
73.10.14	3	22 47 10.254	26 18 51.69		
73.11.15	3	10.095	51.70		
79.11. 5	2	10.258	52.46		
80.10. 2	3	10.113	52.14		
81.11.17	3	10.259	52.44		
13761 9.1	**2.8625**	**+0.0105**	**+19.052**	**+0.122**	26°4525
84.10.16	5	22 47 13.310	26 40 39.51		
84.10.22	3	13.534	38.36		
84.10.23	5	13.581	38.03		
13762 8.8	**2.8647**	**+0.0104**	**+19.055**	**+0.122**	26°4526
73.11.15	1	22 47 20.604	26 28 23.73		Z.C. δ 23″5
76.10.13	3	20.782	23.31		
77.10. 6	3	20.593	23.07		
77.10. 6	3	20.643	23.80		
79.10. 3	3	20.843	23.56		
79.11. 6	3	20.761	23.61		
79.11. 7	3	20.833	24.01		
79.11.12	3	20.676	23.30		
79.11.13	3	20.678	24.10		
79.11.15	3	20.715	22.86		
79.11.19	3	20.737	23.23		
79.11.19	2	20.797	23 92		
80.10.21	3	21.193	24.23		
80.10 25	3	20.674	23.52		
80.11.20	3	20.730	21.95		
80.11.22	3	21.014	24.49		
81.11.10	3	20.821	23.52		

13763 $9^{m}.5$ $2^{s}.8694$ $+0^{s}.0101$ $+19''.055$ $+0''.122$ 25°4834

73.10.30	3	$22^{h}47^{m}21^{s}.673$	$25^{\circ}57'24''.87$	v. ft.
90.11.10	7	21.606	21.62	

13764 9.3 2.8598 +0.0107 +19.060 +0.121 26°4527

74.11.19	3	22 47 31.257	27 3 59.24	
75.10.12	3	31.117	58.90	
77 10.15	3	31.306	58.28	

13765 7.5 2.8317 +0.0120 +19 063 +0.120 29°4797

74.11. 5	2	22 47 39.817	30 5 52.12	Z.C. δ $52''.5$
76 10.18	2	39.543	52.29	
77.11.17	3	39.639	53.08	

13766 9.4 2.8700 +0.0102 +19.065 +0.122 25°4835

72.10. 8	3	22 47 43.261	25 59 30.38	
76.10 10	2	43.356	29.04	

13767 8.7 2.8332 +0.0120 +19.065 +0.120 29°4798

72 10.16	3	22 47 43.316	29 57 25.19	
73.10.13	3	43.505	23.76	
74 9.26	3	43.316	23.70	
75 10.21	3	43.345	24.06	

13768 9.5 2.8762 +0.0099 +19.065 +0 122 25°4836

73.10.30	3	22 47 43.568	25 18 13.81	†

13769 7.5 2.8525 +0.0111 +19 069 +0.120 27°4434

72. 9.26	3	22 47 51.477	27 57 46.36	Z.C. δ $46''.5$
72.10.25	3	51.370	47.19	
72.11.29	3	51.402	46 44	
73. 9.17	3	51.390	47.09	
76.10.16	3	51.305	45.64	
77.11.22	3	51.391	46.47	

13770 8.8 2.8673 +0.0104 +19.070 +0.121 26°4528

73.10.14	3	22 47 54.153	26 21 30.66	
73.10.27	3	54.101	30.36	
75.10.12	2	54.070	31.51	
75.11. 8	2	54.160	30.84	
79.10. 3	1	54.093	31.44	
79.10.21	3	54.517	30.13	
79.11. 5	3	54.274	31.60	
79.11. 7	2	54 002	31.78	
79.11.13	3	54.098	30.92	
79.11.14	3	54.281	30.62	
79 11.15	3	54.444	31 38	
80.11. 1	2	54.314	28 95	
80.11. 2	2	54.065	30.86	
80.11. 4	3	54.175	30.86	
80.11.19	3	54.254	30.69	ft.

13771 9.2 2.8588 +0.0108 +19.073 +0.121 27°4435

74. 9.18	3	22 48 1.597	27 19 56.16	
75.11. 4	3	1.367	55.24	
88.10.22	5	1.698	53.23	

13772 7.7 2.8592 +0.0109 +19.079 +0.120 27°4436

72.10.25	3	22 48 13.737	27 21 9.26	Z.C. δ $10''.1$
72.11.29	3	13.832	9.40	
73.10.20	1	14 051	9.91	
74. 9.18	3	13.707	11 04	
75.11. 4	3	13.897	10.62	
77.11.22	2	13.776	10.22	p. of 2

13773 $9^{m}.0$ $2^{s}.8780$ $+0^{s}.0099$ $+19''.079$ $+0''.121$ 25°4837

72.10. 8	3	$22^{h}48^{m}14^{s}.963$	$25^{\circ}15'37''.85$	Z.C. δ $37''.5$
75. 9.30	3	14.788	36.53	
77.11. 5	3	14.984	38.14	$+1^{m}$

13774 9.0 2.8614 +0.0108 +19.083 +0.120 27°4438

73. 9.17	3	22 48 23.345	27 9 14.84	Z.C. δ $14''.7$
76.10.16	3	23.477	14.22	
77.10.18	3	23 430	15.87	
77.10.23	3	23.340	14.19	
88.10.23	7	23.497	14.39	

13775 9.3 2.8669 +0.0105 +19.085 +0.121 26°4529

73.10.27	2	22 48 26.658	26 34 10.29	
73 11.15	1	26.470	12.26	
74.11.19	2	26.630	11.59	
76.10.13	1	26 649	12.02	
77.10.15	3	26 721	9.46	

13776 8.8 2.8386 +0.0119 +19.087 +0.118 29°4803

73.10.13	2	22 48 32.570	29 39 56.13	
77.11.17	3	32.699	57.28	
84.10.24	7	32.672	57.45	

13777 8.7 2.8481 +0.0115 +19.090 +0.119 28°4479

72.10.11	3	22 48 38.649	28 41 34.27	
72 10.14	3	38.429	33.79	
72.10.22	3	38.356	35.39	
72.11. 7	3	38.373	33.53	
72.11.21	3	38.253	34.08	
73. 9 18	3	38.426	34.38	
77.10. 5	3	38.411	35.24	
77.10.16	3	38.550	35.86	
77.11.23	3	38.597	33.75	

13778 9.0 2.8810 +0.0098 +19.096 +0.120 — —

73.11. 1	2	22 48 51.882	25 5 20.82	†

13779 9.2 2.8809 +0.0098 +19.097 +0.120 25°4839

73.10.30	2	22 48 54 529	25 6 37.91	
73 11. 1	3	54.702	37.21	
74 11. 9	3	54.517	37.48	
76.10.10	2	54.520	36.85	
79.11.12	3	54 656	37.68	
80.10.21	3	54 927	39.16	$+10^{s}$

13780 7.7 2.8614 +0.0109 +19.098 +0.119 27°4442

72. 9.26	3	22 48 57 330	27 20 35.45	
72.10.25	2	57.228	36.16	
72.11 29	3	57.422	36.42	
73. 9.17	1	57.313	36.08	
74. 9.18	1	57 227	37 32	

13781 9.0 2.8357 +0.0122 +19.105 +0.118 30°4837

73 10.13	1	22 49 11 783	30 11 38.35	
74 11. 5	3	11 840	39.67	
76.10 18	3	11 613	39.84	

13782 9.0 2.8789 +0.0100 +19.106 +0.120 25°4841

72.10. 8	2	22 49 13.992	25 26 58.91	
74.11 9	3	13.828	59 02	
75. 9.30	2	13.835	57 53	

13783	$9^{m}0$	$2^{s}8456$	$+0^{s}0118$	$+19''106$	$+0''118$	29°4807
72.10.16	3	$22^{h}49^{m}14^{s}814$	29° 9′ 37″71	Z.C. δ 37″2		
75.10.21	3	14.858	38.15			
77.11.17	1	14.706	36.41	ex. ft.		
84.10.16	7	14.885	37.78			
84.10.22	5	14.859	36.62			
84.10.23	7	14.904	36.65			
13784	8.3	2.8398	+0.0122	+19.121	+0.116	29°4810
74. 9.26	3	22 49 49.165	29 58 10.39			
75.10.21	3	49.231	10.70			
76.10.18	3	49.220	10 77			
13785	9.5	2.8728	+0.0106	+19.123	+0.118	26°4533
73.10.14	3	22 49 52.543	26 21 15.31			
73.10 27	3	52.589	14.55			
73.11.15	3	52.530	13.09			
13786	9.5	2.8546	+0.0116	+19.137	+0.116	28°4486
90 11.10	7	22 50 23.900	28 33 50.66	†		
13787	9.0	2.8731	+0.0107	+19.139	+0.117	26°4534
73 10.14	3	22 50 28.512	26 30 7.55			
74.11.19	3	28.428	7.82			
75.10.12	3	28.317	9.62			
76 10.13	3	28.360	8.98			
13788	9.5	2.8546	+0.0117	+19.141	+0.116	— —
72.10.11	3	22 50 33.218	28 36 43.23			
72.10.22	3	33.145	44.38			
73. 9 18	2	33.114	43.57			
77.11.23	3	33.382	43.83			
13789	9.0	2.8486	+0.0120	+19.144	+0.116	29°4814
72.10.16	3	22 50 41.446	29 19 25.18			
73.10 13	3	41.628	22.78			
76.10.18	1	41.616	24.14			
13790	8.9	2.8409	+0.0123	+19.145	+0.115	30°4846
74.11. 5	2	22 50 44.324	30 10 46.91	Z.C. δ 47″5		
75.10.21	2	44.156	47.34			
77.10. 4	3	44.179	48.33			
13791	8.9	2.8822	+0.0103	+19.148	+0.117	25°4847
72.10. 8	3	22 50 51.704	25 33 30.54			
73.10.30	3	51.561	30.08			
77.11. 5	3	51.558	30.30			
79.10. 3	1	51.703	30.34			
79.11. 5	3	51.772	29.33			
79.11.14	3	51.537	29.54			
79.11.14	2	51.647	31.10			
79.11.15	1	51.202	31.26			
80.11.20	3	51.726	29.59			
84.11.10	7	51.606	28.12			
13792	9.5	2 8865	+0.0100	+19.150	+0.117	24°4684
73.11. 1	3	22 50 54.689	25 5 21.41			
74.11. 9	3	54.637	22.52			
79.10. 3	3	54.808	21.14			
79.11. 7	3	54.767	20.73			
79.11.13	3	54.797	22.12			
79.11.15	3	54.842	19.00			
81.11.17	3	54.940	21.89			

13793	$9^{m}0$	$2^{s}8703$	$+0^{s}0109$	$+19''150$	$+0''116$	26°4535
73.10.27	3	$22^{h}50^{m}55^{s}373$	26° 57′ 42″66			
73.11.15	3	55.244	41.93			
75.11. 8	2	55.627	42.67			
88.10 23	7	55.468	42.25			
13794	8.5	2.8811	+0.0104	+19.150	+0.116	25°4848
73.10.30	2	22 50 55.591	25 43 16.45			
76.10.10	3	55.475	14.86			
77.11. 5	2	55.513	15.31	+5′		
78.11. 7	3	55.447	16.15			
80.10.25	3	55.268	14.86			
13795	9 5	2.8522	+0 0119	+19.155	+0.115	28°4489
72.11. 7	3	22 51 7.170	29 4 26.99	†		
13796	9.2	2.8562	+0.0117	+19.158	+0.115	28°4490
73 10.23	3	22 51 12.315	28 39 21.96			
92.10.10	4	12.594	20.00			
13797	9.5	2.8653	+0.0113	+19.160	+0.115	27°4447
74. 9.18	3	22 51 18.884	27 40 6.44	v. ft.		
75.11. 4	1	19.019	6.79	Z.C. δ 6″8		
77.10.23	2	19.142	6.55			
77.11.22	3	19.022	7.34			
13798	9.0	2.8686	+0.0111	+19.160	+0.115	27°4448
72.10.25	3	22 51 18.986	27 17 33.76			
73.10.20	3	19.061	33.85			
13799	9.5	2.8622	+0.0115	+19.165	+0.115	27°4450
73. 9 17	3	22 51 30.541	28 5 32.69			
74. 9.18	1	30.532	31.48			
75.11. 4	1	30.417	33.18			
13800	9.1	2.8693	+0.0111	+19.167	+0.115	27°4451
76.10.16	3	22 51 34.305	27 17 40.56	v. ft.		
77.10.18	3	34.094	37.88	Z.C. δ 39″3		
77.10.23	2	34.314	39.47			
13801	8.8	2.8541	+0.0120	+19.169	+0.114	28°4493
72.10.11	3	22 51 38.701	29 2 10.59			
72.10.14	3	38.622	9.49			
72.10.22	3	38 618	10.23			
72.11. 7	3	38.642	10.00			
74.11. 7	3	38.603	8.00			
76.10 14	3	38.785	9.54	n.f. of 2		
77.10. 5	3	38.724	10.60			
13802	9.0	2.8499	+0.0122	+19.177	+0.113	29°4820
74 9.26	3	22 51 58.014	29 36 61.13	Z.C: δ 0″4		
75.11.25	3	58.446	59.20			
77.11.17	3	58.047	59.57			
78.10.22	3	58 021	61.76			
13803	9.2	2 8516	+0.0122	+19.177	+0.113	29°4819
72.10.16	3	22 51 58.217	29 26 17.34			
73.10.13	3	58.527	16.24			
77 10. 4	3	58.344	15.73			
13804	10.0	2.8857	+0.0104	+19.180	+0.115	— —
73 11. 1	3	22 52 4.984	25 32 35.89			
80.11.27	2	5.250	35.63			

13805 9^{m}.1 2^{s}.8700 +0^{s}.0112 +19″.182 +0″.114 27°4454

80.11.22	3	22^{h}52^{m} 9^{s}.366	27° 24′ 28″.27	
84.10.23	7	9.100	28.74	
84.10.24	7	9.247	28 70	
84.10 28	7	9.075	28.51	

13806 9.0 2.8668 +0.0114 +19.183 +0.114 27°4455

72. 9.26	3	22 52 10.995	27 47 23.23	
72 10.25	3	10.707	24.66	
73. 9.17	3	10.839	24.80	
77.11 22	3	10.762	24.28	

13807 9.2 2.8500 +0.0123 +19.183 +0.113 29°4822

75.10.21	2	22 52 11.615	29 41 47 84	†

13808 8.6 2.8502 +0.0123 +19.185 +0.113 29°4824

75.10.21	1	22 52 16.055	29 41 48.59	Z.C. δ48″.6
77.10 4	2	16.379	48.64	
78 10 26	3	16.456	48.64	

13809 9.3 2.8611 +0.0118 +19.187 +0.113 28°4494

72.10.11	3	22 52 21.730	28 29 53.30	Z.C. Ep. 74 5
72.10.14	3	21.548	52.88	
72.10.22	3	21.713	54.21	
72 11 21	3	21.661	53.06	
77.10. 5	3	21.629	53.66	
77.11.23	3	21.528	54.18	

13810 8.9 2.8521 +0.0123 +19.190 +0.113 29°4826

74 11. 5	3	22 52 28.525	29 33 13.11	
76.10.18	1	28.313	12.84	
77 11 17	3	28 602	13.89	

13811 9.0 2.8874 +0.0104 +19.195 +0.114 25°4852

72 10. 8	3	22 52 40.323	25 31 18.55	
73.10.30	3	40.140	17.89	
74 11. 9	3	40.183	18.04	
79 10. 3	2	40.220	17.38	

13812 8.6 2.8640 +0.0117 +19.197 +0.112 28°4496

72.11. 7	3	22 52 45.691	28 18 41.29	
72.11.21	3	45.685	41.40	
73. 9 18	3	45.668	41.85	clds.

13813 8.0 2.8771 +0.0110 +19.201 +0.113 26°4539

73.10.14	3	22 52 54.428	26 49 49.75	
73.10 16	3	54.558	51 32	
73.10.27	3	54.453	50.39	−5′
73.11.15	3	54.331	51.01	
73.11.15	2	54.481	50.36	
75.10.12	3	54.327	50.94	
77.10. 6	3	54.457	50.61	
77.10. 6	2	54.447	50.60	

13814 9.5 2.8637 +0.0118 +19.201 +0 112 — —

73. 9.18	2	22 52 54.926	28 23 43.34	†

13815 7.7 2.8752 +0.0111 +19.203 +0.113 26°4540

84.10.16	7	22 52 58.140	27 4 35.81	c.d.s.
84.10.22	7	58.240	36.26	d s.
84.10.29	5	58.170	35.56	c.d.s. −5^{s}

13816 9^{m}.5 2^{s}.8622 +0^{s}.0119 +19″.205 +0″.112 28°4497

72.10.14	3	22^{h}53^{m} 4^{s}.378	28° 37′ 25″.63	Z.C. δ26″.5
73.10.23	3	4.425	26.14	
77.10. 5	3	4.308	27.40	−1°
77.11.23	3	4.368	26.84	

13817 9.1 2.8603 +0.0120 +19.206 +0.112 28°4498

72.10 22	2	22 53 5.827	28 50 58.44	Z.C. δ58″.3
74.11. 7	3	5.646	56.83	
77.10.16	3	5 720	59.62	

13818 9.5 2.8882 +0.0104 +19.206 +0.113 25°4853

92.10.22	2	22 53 5.949	25 34 2.98	ex. ft.
92.10.29	3	5.561	4.33	ex. ft.

13819 9.0 2.8786 +0 0110 +19.207 +0.113 26°4541

73.10.27	2	22 53 8.304	26 43 52.47	
74.11.19	3	8.196	52.47	
75.11. 8	3	8.168	53.09	
76.10 13	3	8.306	51.79	

13820 9.0 2.8820 +0.0108 +19.207 +0.113 26°4542

74.11.19	2	22 53 8.823	26 19 18.68	
78.11. 7	3	8 934	18.45	
79.11 14	2	8.927	17.32	
80.11. 2	1	9 215	17.76	clds.
81.11.17	3	9.021	18.05	
84.11.20	7	8.912	17.79	

13821 8.9 2.8567 +0.0123 +19.218 +0.111 29°4828

72.10.16	3	22 53 33.834	29 25 11.84	
92.10.10	7	33.720	8.53	

13822 9.0 2.8625 +0.0120 +19.219 +0.111 28°4500

72.10.11	2	22 53 38 096	28 46 55.37	
72.11. 7	3	38.051	55.36	
74.11. 7	3	37.883	54.66	

13823 8.8 2.8927 +0.0103 +19.221 +0.112 25°4854

73.11. 1	3	22 53 42.414	25 12 42.34	
73.11 3	2	42.760	42.19	
75. 9.30	3	42.413	42.37	
77.11. 5	3	42.429	42.49	

13824 8.3 2.8947 +0.0102 +19.221 +0.112 24°4694

72.10. 8	3	22 53 43.358	24 58 28.59	
73.10.30	3	43.244	27.75	
74.11. 9	3	43.385	27.25	

13825 8.2 2.8576 +0.0123 +19.224 +0.110 29°4830

72.10.16	2	22 53 49.335	29 24 28.09	
73.10.13	3	49.270	26.24	
74. 9.26	3	49.155	26.83	
75.10.21	3	49 260	27.40	
77 10. 4	3	49.301	27.50	

13826 9.0 2.8748 +0.0114 +19.227 +0.111 27°4462

72.10.25	3	22 53 57.928	27 28 4.97	Z.C. δ5″.0
73 9 17	3	57.960	4.92	
75.11 4	3	57.854	4.26	
77.10.23	3	58.061	5.31	+ 1^{m}
77.11.22	3	57.922	5.68	

13827 $8^{\mathrm{m}}.6$ $2^{\mathrm{s}}.8676$ $+0^{\mathrm{s}}.0118$ $+19''.230$ $+0''.111$ 28°4501

72 10.14	2	$22^{\mathrm{h}}54^{\mathrm{m}}\ 3^{\mathrm{s}}.310$	28° 20′ 4″.80	
72.11. 7	1	3 171	5.15	
72.11.21	3	3.375	4.39	
74 11. 7	1	3.270	4.79	
76.10.14	3	3.173	5 13	
77.10. 5	2	3.190	5.50	− 1°
77.10.16	3	3.243	8.88	n.f. of 2
77.11.23	3	3.244	6.14	n.f. of 2

13828 8.5 2.8802 +0.0112 +19.235 +0.111 26°4543

73.10.14	3	22 54 14.978	26 54 40.13	
73.10.27	3	15.071	39.18	
73.11.15	3	15.027	39.61	

13829 9.0 2.8869 +0.0108 +19.237 +0.111 26°4544

75. 9 30	3	22 54 21.421	26 8 22.63	
75.10.12	3	21.364	23.61	
75.11. 8	3	21.481	22.91	
76.10.13	3	21.244	23.00	
79.11. 6	3	21.314	23.69	
79.11.12	3	21.397	23.23	
79.11.19	3	21.305	23.64	
79.11.29	3	21.388	23.71	
80.11.20	3	21.327	23.45	

13830 8.8 2.8851 +0.0109 +19.240 +0.111 26°4545

74.11 19	3	22 54 27.637	26 23 49.61	
76.10.13	2	27.764	49.04	
77.10.15	3	27.694	47.36	

13831 9.3 2.8943 +0.0104 +19.242 +0.111 25°4859

73.10.30	1	22 54 31.939	25 16 31.80	
73.11. 1	3	31.902	30.98	
74.11. 9	3	31.752	30.69	
88.10.23	4	32.031	31.02	

13832 9.0 2 8761 +0.0115 +19.246 +0.110 27°4467

72.10.25	3	22 54 41.577	27 33 54.38	
73. 9.17	3	41.690	55.04	
77.10.18	3	41.734	54.64	
77.11.22	3	41.613	54.98	
83.10.12	3	41.929	55.80	
83.10.18	3	41.801	53.82	
84.11.10	7	41.835	54.59	

13833 8.5 2.8905 +0.0107 +19.247 +0.110 25°4860

73.11. 3	1	22 54 45.614	25 49 54.58	
77.11. 5	3	45.543	54.72	
79.10. 3	3	45.613	55.53	
79.11.13	3	45.581	55.72	
79.11 15	3	45.466	55.19	
80.10.25	2	45.435	54.88	
81.11.17	3	45.560	55.33	

13834 9.2 2.8624 +0.0123 +19.248 +0.109 29°4832

73.10.13	3	22 54 47.964	29 12 37.89	
74.11. 5	3	47.983	39.36	
76.10.18	3	47.786	38.58	

13835 7.8 2.8891 +0.0109 +19.255 +0.110 25°4861

79.11.19	2	22 55 3.853	26 6 37.86	c. d. s. p.
92.10.17	7	4.168	39.44	

13836 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.8876$ $+0^{\mathrm{s}}.0110$ $+19''.257$ $+0''.109$ 26°4549

73.10.27	2	$22^{\mathrm{h}}55^{\mathrm{m}}\ 9^{\mathrm{s}}.327$	26° 19′ 26″.63	
79.11.12	3	9.025	27.20	
79.11.13	3	9.054	27.73	
79.11.14	3	8.992	26.81	
79.11.14	2	9.072	27.45	

13837 9.0 2.8812 +0.0114 +19.257 +0.109 27°4470

73. 9.17	1	22 55 9.728	27 6 55.07	
73.10. 8	3	9.941	54 93	
77 10 23	3	9.787	54.70	
77.11.22	2	9.694	54.11	

13838 9.5 2.8616 +0.0125 +19.259 +0.108 29°4836

86.11. 2	5	22 55 14.602	29 28 31.57	-10^{s} †

13839 8.2 2.8742 +0.0118 +19.262 +0.108 27°4471

72.10.25	2	22 55 22.489	28 1 53.94	
74 9.18	3	22.552	53.96	
77.10.18	3	22.464	52.28	

13840 9.0 2.8630 +0.0125 +19.271 +0.107 29°4838

72.10.16	3	22 55 44.930	29 29 58.28	
77.11.17	3	44.992	57.81	
78.10.22	3	44.801	59.90	
78.10 26	3	44.845	57 59	
84.10 23	5	44.872	57.14	
85.11.18	5	44.774	58.46	
85.11.19	5	44.781	57.64	
86.11.22	5	45.041	55.19	v. ft.

13841 Not found on revision: not found on Oxford photograph 92.10.7. Z.C. 1′ wrong: see appendix 13841^{a}

13842 9.5 2.8850 +0.0114 +19.283 +0.108 26°4553

79.11.12	3	22 56 13 846	27 1 26.93	†

13843 8.2 2.8710 +0.0122 +19.283 +0.107 28°4506

72.10.14	3	22 56 13.968	28 43 24.68	
74 11. 7	3	13.902	24.04	
77.10. 5	3	13.825	25.53	

13844 9.0 2.8813 +0.0116 +19.288 +0.107 27°4475

84 11.10	5	22 56 26.340	27 32 43.64	-1^{m}
84.11.20	6	26.401	40.99	
84.11.21	5	26.271	41.96	

13845 9.5 2.8713 +0.0123 +19.291 +0.106 28°4508

74 11. 7	2	22 56 33.001	28 48 35.46	
77.10.16	3	32.761	37.19	
93. 9. 5	7	32.740	36.17	

13846 8.4 2.8688 +0.0124 +19.292 +0.106 29°4841

77.11.17	3	22 56 36.366	29 7 56.82	
78 10 22	3	36.222	59.74	

13847 8.9 2 8982 +0.0107 +19.292 +0.107 25°4865

73.10.30	3	22 56 37.665	25 29 60.97	Z.C. Ep. 77.2
73.11. 1	3	37.668	59.25	
83.10.18	3	37.773	59.67	

13848 9.0 2.8594 +0.0130 +19 293 +0.105 30°4864

92.10.18	6	22 56 39 337	30 15 32.60	
92.10.22	5	39.393	32.43	

13849	$9^m.1$	$2^s.8726$	$+0^s.0122$	$+19''.293$	$+0''.106$	28°4509
72.10.14	2	$22^h56^m39^s.731$		28° 42′ $6''.88$		†
13850	8.7	2.8740	+0.0121	+19.294	+0.106	28°4510
77.10.16	2	22 56 40.692		28 31 57.53		Z.C. δ $57''.4$
81 11.17	3	40.760		56.57		
83.10.12	5	40.760		58.42		
86.11.25	7	40.733		57.02		
13851	8.3	2.8871	+0.0115	+19.301	+0.106	26°4555
76.10.13	3	22 56 60.277		27 1 21.24		
77.10. 6	2	59.856		22.23		
77.10. 6	2	60.196		21.67		
79.10. 3	3	60.132		22.07		
79.11.13	3	60.117		21.15		
80.11. 8	3	60.289		20.14		
13852	9.5	2.8854	+0.0116	+19 303	+0.106	27°4476
90.11.10	5	22 57 3.376		27 15 37.81		
93.10.30	6	3.047		37.19		
13853	9.3	2.8667	+0.0127	+19.305	+0.105	29°4844
83. 9.27	3	22 57 9.074		29 35 4 08		† Z.C. δ $4''.1$
13854	8.6	2.9048	+0 0105	+19.308	+0.106	24°4702
92.10.17	4	22 57 15.824		24 51 10.21		Z.C. δ $9''.7$
92.10.29	7	15.649		9.13		
13855	9.0	2.8716	+0.0125	+19.309	+0.105	28°4511
77.10. 5	3	22 57 19.562		29 3 44.77		
83. 9.25	3	19.666		43.39		
83.10.20	4	19.625		43.34		
13856	9.4	2.8873	+0.0117	+19.317	+0.105	27°4479
77.10.18	3	22 57 39.808		27 14 57.29		ex. ft.
93. 9.22	6	39.860		58.57		w. 1.2.3-1^s
93.10. 4	7	39.828		56.21		Z.C. α $39^s.83$
13857	8.2	2.8715	+0.0126	+19.318	+0.104	29°4846
77.11.17	3	22 57 42.843		29 13 46.90		
78.10.26	3	42.881		48.33		
80.11. 8	2	42.914		46.57		
13858		Fundamental Star				27°4480
13859	8.9	2.8802	+0.0121	+19.320	+0.104	28°4513
92.10.25	7	22 57 48.031		28 10 55.87		
92.11. 3	7	47.906		55.75		
13860	9.5	2.8844	+0.0119	+19.326	+0.104	27°4481
93 10.18	7	22 58 3.902		27 45 29.53		v. ft.
93.11. 7	2	4.274		27.73		
13861	9.5	2.8852	+0.0119	+19.328	+0.104	27°4483
74. 9.18	3	22 58 9.203		27 41 22.73		
93.12. 9	7	9.043		19.86		
13862	8.4	2.8815	+0.0121	+19.329	+0.104	28°4515
72.10.14	3	22 58 11.632		28 9 42.38		Z.C. δ $43''.1$
74.11. 7	3	11.460		42.13		
76.10.14	3	11.693		42.12		
77.10. 5	3	11.839		44.56		
77.10.16	3	11.829		42.72		
79.11.14	1	11.660		44.09		
81.11.17	3	11.746		43.87		
13863	$8^m.7$	$2^s.8899$	$+0^s.0117$	$+19''.331$	$+0''.104$	27°4484
83. 9.25	3	$22^h58^m15^s.611$		27° 8′ $20''.10$		
83.10. 6	3	15.871		22.43		
83.10.29	7	15.651		20.64		+ 1′
86.11.18	7	15.713		20.26		
86.11.22	7	15.682		20 17		
13864	9.0	2.8652	+0.0132	+19.335	+0.103	30°4868
93.11.11	5	22 58 26.400		30 16 2.01		
93 11.16	7	26.278		1.90		
93.11.22	7	26.355		2.41		
13865	9.1	2.8741	+0.0126	+19.336	+0.103	29°4850
78.10.22	3	22 58 27.690		29 11 30.99		
78.10 26	3	27.834		31.03		v. ft.
80.11. 8	1	27.752		27.11		-10^s
13866	9.3	2.9009	+0.0110	+19.336	+0.104	25°4867
73.10.30	3	22 58 29.102		25 47 33.08		Z.C. δ $31''.6$
75. 9.30	3	28.929		30.81		
77.11. 5	3	29.289		30.79		
13867	8.6	2.8917	+0.0116	+19.337	+0.103	26°4559
77.10.15	3	22 58 31.270		27 0 2.70		
79.10. 3	3	31.062		5.74		
79.10.21	3	31.363		3.73		
79.11. 6	3	31.175		3.93		
79.11.12	3	31.308		4.58		
79.11.13	3	31.169		4.39		
79.11.14	3	31.474		4.86		
83. 9.27	3	31.263		5.10		
83.10. 6	3	31.451		7.41		
83.10 12	4	31.053		6.79		
83.10.18	2	31.344		5.28		
84.11.10	7	31.217		3.88		−5′
84.11.20	7	31.173		4.31		
84 11.21	7	31.285		4.29		
84.11.28	7	31.320		4.82		
13868	9.0	2.8857	+0.0120	+19.339	+0.103	27°4485
77.10.18	3	22 58 38.319		27 48 20 87		Z.C. δ $22''.5$
77.10.23	1	38.546		22.53		
79.10. 1	2	38.357		24.15		
79.10. 3	2	38.456		22.61		
79 10.21	3	38.468		20 83		
79 11.11	1	38.501		23.30		
79 11.13	3	38.376		22.59		
83.10 20	4	38 298		22.73		
13869	9.5	2.8740	+0.0127	+19.342	+0.103	29°4851
72.10.16	3	22 58 43.076		29 17 37.47		
73.10.13	1	43.487		36.62		v. ft.
13870	8.3	2.8891	+0.0119	+19.350	+0.102	27°4487
73.10.20	1	22 59 3.979		27 31 42.90		Z.C. δ $41''.6$
74. 9.18	3	3.813		41.48		
77.11.22	2	3.768		40.27		
13871	8.8	2 8885	+0.0119	+19.352	+0.102	27°4488
77.10 18	1	22 59 11.323		27 39 18.83		Z.C. δ $19''.1$
79.11. 6	2	11.150		19.36		
13872	8.5	2.8992	+0.0113	+19.355	+0.102	26°4560
73.10.14	3	22 59 17.537		26 18 30.17		
73.10.16	2	17.396		30.33		
73.10.27	1	17.444		29.02		

13873	9^{m}2	2^{s}8800	+0^{s}0125	+19″355	+0″101	— —
80.11. 3	2	22^{h}59^{m}18^{s}137	28° 47′ 13″35			†
13874	9.3	2.8797	+0.0125	+19.355	+0.101	28°4517
93.12. 2	7	22 59 19.177	28 49 47.14			†
13875	9.5	2.9064	+0.0109	+19.357	+0.102	25°4871
74.11. 9	1	22 59 24.450	25 23 45.53			
93.10.30	4	23.736	43.18			ex. ft.
13876	7.7	2 9069	+0.0109	+19.358	+0.102	25°4870
73.10.30	3	22 59 24.794	25 20 7.56			
73.11. 1	3	24.606	4.88			
73.11.22	1	24.741	7.13			
13877	7.5	2.8842	+0.0123	+19.359	+0.102	28°4518
72.10.11	2	22 59 27.631	28 18 48.76			Z.C. δ 49″9
72.11.21	3	27.531	49.87			
73.10.23	3	27.658	49.07			
77.10. 5	3	27.703	51.39			
77.10.16	3	27.560	50.24			
77.11.23	3	27.533	50.02			
13878	9.0	2.8898	+0.0120	+19.362	+0.101	27°4490
73. 9.17	1	22 59 37.537	27 39 13.37			
73.11. 5	1	37.224	12.62			
13879	8.0	2.8712	+0.0132	+19.365	+0.100	29°4855
73.11.12	3	22 59 45.041	30 2 56.28			
74.10.23	3	45.106	55.20			
77.11.17	3	45.197	54.15			
13880	8.3	2.8863	+0.0123	+19.372	+0.101	28°4522
72.10.14	3	23 0 3.835	28 17 8.44			
72.10.22	3	4.014	8.62			
72.11. 7	2	3.975	8.51			
78.11 18	3	3.930	7.84			− 1′
13881	8.6	2.8795	+0.0128	+19.376	+0.100	29°4856
72.10.16	3	23 0 14.684	29 13 14.05			
73.11.29	1	14.839	13.98			
75.11.25	3	14.878	13.75			
77.10. 4	2	14.562	13.05			
78.10.26	2	14.620	14.32			
13882	9.5	2.9089	+0.0110	+19.377	+0.101	25°4878
72.10. 8	3	23 0 17.503	25 22 58.26			−34^s
73.10.30	3	17.512	57.97			
13883	9.4	2.8751	+0.0131	+19.379	+0.099	— —
79.11.12	3	23 0 22.221	29 49 17.12			†
13884	9.0	2.8780	+0.0130	+19.381	+0.099	29°4857
79.11.14	2	23 0 27.745	29 29 53.23			
79.11.15	3	27.797	54.13			
79.11.19	3	27.752	53.52			
79.11.29	3	27.737	54.03			
13885	7.7	2.8745	+0.0132	+19.382	+0.099	29°4858
73.10.13	3	23 0 30.352	29 56 41.17			
73.11.12	2	30.113	41.39			
74.10.23	3	30.124	41.29			
84.10.24	4	30.192	40.91			
13886	9^{m}0	2^{s}8875	+0^{s}0124	+19″382	+0″100	28°4523
74.11. 7	3	23^h 0^{m}30^{s}861	28° 17′ 28″23			
92.10.22	7	30.989	29.03			
13887	9.0	2.8870	+0.0124	+19.383	+0.100	28°4524
72.10.14	3	23 0 31.584	28 22 13.26			Z.C. δ 12″4
73 10.23	2	31.627	11.45			
77.10.16	3	31.638	12.58			
13888	8.2	2.8716	+0.0134	+19.384	+0.099	30°4875
92.10.25	7	23 0 34.059	30 20 10.44			
93.11. 7	2	33.564	9.77			
93 11. 9	7	33.894	9.62			
13889	9.4	2.8803	+0.0129	+19.386	+0.099	29°4859
81.11.10	3	23 0 40.585	29 17 7.62			†
13890	8.8	2.8751	+0.0133	+19.389	+0.098	29°4860
74.11. 3	2	23 0 47.346	30 0 3.53			
75.10.21	3	47.219	4.23			
78.10.22	3	47.348	4.51			
13891	9.3	2.8768	+0.0132	+19.389	+0.099	— —
79.11.13	2	23 0 49.195	29 47 16.06			†
13892	9.0	2.9015	+0.0116	+19.390	+0.099	26°4563
73.10.14	3	23 0 50.845	26 34 45.93			− 5′
73.10.16	3	50.863	47.01			
73.10.27	3	51.149	45.43			
73.11.15	3	50.665	46.39			
77.10. 6	2	50.753	45.30			
77.10. 6	1	50.823	46.48			v. ft.
13893	9.5	2.8822	+0.0129	+19.393	+0.099	29°4861
81.11.17	3	23 0 59.124	29 10 20.28			†
13894	5.0	2.9151	+0.0107	+19.394	+0.100	24°4716
84.10.16	5	23 1 1.539	24 47 37.78			
84.10.22	5	1.539	38.38			
84.10.23	5	1.493	37.74			
13895	9.3	2 8859	+0.0127	+19.396	+0.099	28°4528
80.11. 3	2	23 1 6.704	28 44 0.81			
84.11.29	5	6.866	1.71			
85.12. 7	7	6.979	0.79			
86.11. 2	7	6.860	2.75			
13896	9.4	2.8990	+0.0119	+19.403	+0.099	27°4494
72.10.25	3	23 1 25.204	27 8 4.13			
73. 9.17	3	25.401	4.91			
73.10.20	3	25.454	3.93			
75.11. 4	2	25.217	3.16			
77.10.18	3	25.357	3.62			ex. ft.
77.10.23	3	25.341	3.02			
77.11.22	3	25.348	4.16			+ 1^m
13897	7.0	2.8828	+0.0130	+19.408	+0.097	29°4862
72.10.16	3	23 1 38.996	29 22 43.64			
73.10.13	3	39.019	43.98			
74.11. 3	2	39.221	42.89			
76.10.18	3	38.841	43.54			

13898 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.9028$ $+0^{\mathrm{s}}.0117$ +19″.408 +0″.098 26°4566

85.11.17	5	$23^{\mathrm{h}}\ 1^{\mathrm{m}}39^{\mathrm{s}}.303$	26°43′ 5″.58	
85.11.18	5	39.363	7.53	
85.11.19	5	39.288	6.08	

13899 9.5 2.9103 +0.0112 +19.409 +0.098 — —

73.11. 1	3	23 1 40.900	25 42 39.49	
74.11. 9	3	40.862	40.84	
90.11.10	5	40.957	38.13	

13900 9.3 2.9062 +0.0115 +19.410 +0.098 26°4567

73.10.14	3	23 1 44.739	26 17 12.19	
73.10.16	2	44.757	13.02	
73.10.27	2	44.752	12.28	
73.11.15	3	44.666	11.87	
75.11. 8	3	44.664	12.47	§

13901 7.4 2.8802 +0.0132 +19.411 +0.097 29°4863

73.11.12	3	23 1 46.774	29 45 47.67	
73.11.29	2	46.634	47.95	
79.11.21	3	46.863	46.83	
82.10.20	3	46.701	49.01	

13902 8.8 2.8765 +0.0135 +19.412 +0.097 30°4880

74.10.23	2	23 1 50.378	30 15 16.55	
77.10. 4	3	50.276	15.64	
92.10.29	7	50.379	14.92	
92.11.30	7	50.438	15.92	
92.12.12	7	50.751	15.70	

13903 8.5 2.8781 +0.0134 +19.412 +0.097 29°4864

73.10.13	1	23 1 50.860	30 2 57.67	
75.10.21	2	50.592	57.88	
78.10.22	3	50.373	58.63	

13904 8.0 2.8862 +0.0129 +19.412 +0.097 28°4529

72.10.11	3	23 1 51.256	29 0 58.48	
72.10.14	3	51.375	59.23	
72.10.22	3	51.312	59.48	
72.11. 7	3	51.324	59.22	
72.11.21	3	51.514	60.32	
77.11.23	3	51.343	59.34	

13905 9.3 2.8887 +0.0127 +19 414 +0.097 28°4531

73.10.23	3	23 1 56.463	28 42 16.08	
74.11. 7	3	56.487	16.17	
77.10. 5	3	56.546	17.76	
78.11.18	3	56.598	17.98	
81.11.10	3	56.589	16.31	

13906 9.1 2.8857 +0.0130 +19.418 +0.097 29°4865

74.11. 3	1	23 2 6.460	29 10 5.86	
78.10.26	3	6.574	5.79	

13907 8.6 2.8810 +0.0133 +19.420 +0.097 29°4866

79.10. 1	3	23 2 12.410	29 49 36.40	
79.10. 3	3	12.474	35.50	
79.11.12	3	12.486	35.31	
79.11.13	2	12.510	35.28	
80.10.21	3	12.676	35.80	
80.11.22	2	12.802	35.37	
80.11.27	3	12.511	34.88	

13908 $9^{\mathrm{m}}.1$ $2^{\mathrm{s}}.9094$ $+0^{\mathrm{s}}.0114$ +19″.420 +0″.098 25°4881

84.11.10	7	$23^{\mathrm{h}}\ 2^{\mathrm{m}}12^{\mathrm{s}}.544$	26° 1′ 7″.68	
84.11.20	7	12.520	7.95	
84.11.21	7	12.572	8.97	
84.11.28	6	12.618	9.40	

13909 8.5 2.8835 +0.0132 +19.422 +0.096 29°4867

75.11.25	3	23 2 17.105	29 32 24.06	
79.11.14	3	16.926	25.06	
79.11.15	3	17.065	25.21	
79.11.19	3	16.841	23.31	
79.11.29	3	16.994	25.15	
81.11.17	3	16.863	24.04	
81.11.19	3	17.004	24.36	
83. 9.27	3	16.969	24.47	

13910 8.4 2.8817 +0.0133 +19.422 +0.096 29°4868

73.11.12	1	23 2 19.002	29 46 58.25	Z.C. δ 58″.7
76.10.18	3	19.096	59.05	
79.10. 3	3	19.227	58.99	-1^{m}
79.11.12	2	19.262	59.26	
79.11.13	3	19.155	58.03	
79.11.14	2	19.414	59.39	
79.11.15	2	19.192	58.55	d. f.
79.11.21	2	19.347	58.03	
80.11.27	2	19.332	58.59	
82.10.20	3	19.215	58.66	
83. 9.27	2	19.308	58.67	

13911 8.8 2.9110 +0.0114 +19.424 +0.097 25°4882

72.10. 8	3	23 2 22.322	25 51 32.61	
72.12. 7	3	22.261	31.87	
73.10.30	3	22.377	31.97	
87.11.19	7	22.460	31.99	

13912 7.2 2.8920 +0.0127 +19.425 +0.096 28°4533

72.10.11	3	23 2 25.833	28 29 4.03	-10^{s}
72.10.22	3	25.756	3.86	Z.C. δ 3″.9
72.11.21	3	26.103	3.62	
74.11. 7	3	25.673	2.78	
77.10. 5	3	25.932	5.11	
77.11.23	3	25.902	3.92	

13913 8.5 2.8816 +0.0134 +19.425 +0.096 29°4869

72.10.16	3	23 2 26.649	29 51 2.42	Z.C. δ 2″.7
79.10. 1	3	26.646	2.30	
79.11.11	3	26.841	2.01	
83.10. 6	2	26.872	3.93	

13914 8.5 2.9031 +0.0120 +19.431 +0.097 26°4569

73.10.14	3	23 2 42.611	27 4 56.21	
73.11 15	3	42.491	57.30	
74.11.19	3	42.538	58.37	
75.10.12	3	42.676	58.40	
75.11. 8	3	42.816	56.86	§
78.11. 7	3	42.753	56.00	

13915 9.0 2.8799 +0.0136 +19.431 +0.095 30°4885

73.10.13	1	23 2 43.299	30 11 37.29	
75.10.21	2	43.087	37.91	
75.11.25	2	43.421	36.64	
76.10.18	2	43.105	38.02	v. ft. at w. 7
77.10. 4	3	43.203	38.89	

13916 $9^{m}.5$ $2^{s}.8893$ $+0^{s}.0130$ $+19''.433$ $+0''.095$ 28°4534

81.11.17	3	23^{h}	2^{m}	$48^{s}.313$	28°	59′	$35''.74$	†

13917 8.0 2.9142 +0.0113 +19.436 +0.096 25°4885

72.10. 8	3	23	2	57.196	25	38	21.15	
72.12. 7	3			57.062			21.22	
73.10.30	3			57.108			20.83	
77.11. 5	3			57.268			18.62	

13918 9.5 2.8998 +0.0123 +19.438 +0.096 27°4499

81.11.19	3	23	3	2.888	27	40	20.08	†

13919 7.5 2.9103 +0.0116 +19.439 +0.096 26°4570

73.10.16	3	23	3	5.079	26	14	8.57	
73.10.27	3			5.172			8.44	
73.11.15	2			4.923			9.37	
75.11. 8	2			5.145			9.22	§

13920 9.0 2.8987 +0.0125 +19.442 +0.096 27°4500

72.10.25	3	23	3	14.563	27	54	32.49	Z.C. δ $33''.4$
73.10. 8	3			14.831			32.48	
73.10.20	3			14.766			33.31	
73.11. 5	3			14.658			33.74	
74. 9.18	3			14.580			33.60	
77.10.23	3			14.772			32.72	
77.11. 1	3			14.528			35.77	
77.11.22	3			14.619			33.29	

13921 9.1 2.8835 +0.0135 +19.445 +0.094 29°4871

84.10 16	5	23	3	20.552	29	58	12.50	s. f. of 2
84.10.22	5			20.458			12.42	−10′
84.10.23	5			20.594			13.41	
84.10.24	5			20.599			13.72	
84.10.28	5			20.694			12.18	s. f. of 2

13922 9.2 2.8910 +0.0131 +19.447 +0.095 28°4535

77.10.16	3	23	3	28.136	29	2	48.59	Z.C. δ $49''.5$
77.11.23	3			27.965			49.04	
78.10.26	3			28.100			49.95	
78.11.18	3			28.165			50.31	

13923 7.0 2.8914 +0.0130 +19.448 +0.095 28°4536

72.10.14	3	23	3	29.943	28	59	29.81	
72.10.22	3			29.939			30.39	
72.11. 7	3			29.957			30.29	
73.10.23	2			29.911			29.70	

13924 9.0 2.8971 +0.0127 +19.454 +0.094 28°4537

72.10.11	3	23	3	45.691	28	20	38.10	
74.11. 7	3			45.397			37.63	−1′
77.10. 5	3			45.705			38.56	

13925 8.3 2.9046 +0.0122 +19.454 +0.094 27°4501

72.10.25	3	23	3	46.537	27	18	39.12	
73. 9.17	3			46.537			39.22	
77.10.18	3			46.564			37.94	

13926 9.1 2.8967 +0.0128 +19.454 +0.094 28°4538

85.11.16	7	23	3	46.887	28	25	27.59	
85.11.17	5			46.915			26.36	
85.11.18	6			46.960			28.03	
85.11.19	7			46.891			27.29	

13927 $9^{m}.2$ $2^{s}.9008$ $+0^{s}.0125$ $+19''.456$ $+0''.094$ 27°4503

73.10. 8	2	23^{h}	3^{m}	$53^{s}.612$	27°	53′	$17''.15$	Z.C. δ $18''.5$
73.10.20	3			53.606			19.17	
73.11. 5	2			53.517			19.11	
74. 9.18	2			53.500			18.06	
77.10.23	3			53.621			18.64	
77.11.22	1			53.564			18.98	

13928 9.3 2.9051 +0.0122 +19.457 +0.094 27°4502

73. 9.17	3	23	3	54.288	27	16	61.02	Z.C. δ $59''.7$
77.10.18	2			54.353			58.48	
81.11.10	3			54.411			59.74	

13929 9.1 2.8918 +0.0132 +19.459 +0.094 29°4873

73.11.29	3	23	4	2.190	29	9	47.67	
84.11.29	7			2.422			47.28	
85.12. 7	7			2.326			46.59	
86.11.17	7			2.198			47.50	

13930 9.0 2.9013 +0.0126 +19.460 +0.094 27°4504

73.10. 8	2	23	4	4.603	27	53	15.02	
73. 9.18	1			4.491			14.54	
75 11. 4	3			4.245			13.97	
77.11.22	3			4.512			13.57	

13931 9.5 2.9169 +0.0115 +19.461 +0.094 — —

73.11. 1	3	23	4	7.388	25	42	36.54	†

13932 9.5 2.8953 +0.0130 +19.465 +0.093 28°4539

80.11. 3	3	23	4	17.809	28	47	41.95	†

13933 7.2 2.9172 +0.0116 +19.471 +0.093 25°4890

72.10. 8	3	23	4	36.740	25	50	44.37	
72.12. 7	3			36.500			43.03	
73.10.30	3			36.615			42.16	
73.11. 3	3			36.581			43.76	
73.11.22	3			36.425			44.32	

13934 8.2 2.9187 +0.0115 +19.474 +0.093 25°4891

73.10.30	3	23	4	44.706	25	41	12.63	
73 11. 1	3			44.437			11.65	
74.11. 9	3			44.490			12.01	

13935 8.9 2.9185 +0.0116 +19.477 +0.093 25°4892

73.11.22	3	23	4	53.626	25	46	6.61	
74.11. 9	3			53.686			5.86	
79.10. 1	3			53.697			6.42	
79.10. 3	3			53.808			6.19	
79.11.11	3			53.738			6.00	
79.11.12	3			53.756			5.47	
79.11.13	3			53.690			5.09	
79.11.14	3			53.801			6.87	
80.10.25	3			53.790			5.07	clds. ft.

13936 8.8 2.9011 +0.0128 +19.477 +0.092 28°4542

72.10.14	3	23	4	54.535	28	16	8.21	
72.10.22	3			54.650			9.07	
72.11. 7	3			54.574			8.13	
72.11.21	3			54.630			7.14	
73.10.23	3			54.648			7.05	
77.10. 5	3			54.673			8.55	
77.10.16	3			54.704			7.20	
77.11.23	2			54.603			8.70	
82.10.20	3			54.484			8.40	

13937 8^{m}.0 2^{s}.9043 +0^{s}.0126 +19″.480 +0″.092 27°4505

72.10.25	3	23^{h}	5^{m}	1^{s}.499	27°	52′	47″.92	Z.C. δ 48″.1
73. 9.17	2			1.606			48.62	+ 1′
73.10.20	3			1.676			48.40	
75.11. 4	3			1.738			48.06	
77.11.22	2			1.649			47.61	

13938 9.4 2.8978 +0.0131 +19.482 +0.092 28°4545

74.11. 7	3	23	5	7 613	28	48	52.57	
78.10.22	3			7.733			53.75	
78.11.18	2			7.534			53.71	
79.11.19	3			7.603			52.46	
84.11.10	7			7.706			52.15	
84.11.20	7			7.790			52.09	

13939 8.3 2.8902 +0.0136 +19.482 +0.092 29°4876

72.10.16	3	23	5	7.750	29	51	58.69	
73.10.13	3			7.657			58.04	
74.11. 3	3			7.698			56.82	
76.10.18	3			7.699			58.54	

13940 7.5 2.8939 +0.0134 +19.482 +0.092 29°4877

73.10.13	3	23	5	7.853	29	21	50.63	
73.11.12	3			7.882			50.61	
73.11.29	3			7.767			50.68	
74.10.23	3			7.879			49.99	
75.11.25	3			7.956			51.02	

13941 9.1 2.9021 +0.0128 +19.483 +0.092 28°4544

72.10.11	3	23	5	9.289	28	14	15.68	Z.C. δ 16″.2
77.11.23	1			9.269			17.13	
82.10.20	3			9.186			16.82	
86.11. 2	7			9.345			16.20	
86.11.18	7			9.311			15.81	
86.11.22	7			9.321			15.86	

13942 8.5 2.9169 +0.0118 +19.483 +0.093 26°4575

73.10.14	3	23	5	10.634	26	7	12.42	
73.10.16	3			10.531			13.86	
73.10.27	3			10.422			13.08	
73.11.15	3			10.641			13.72	
75.10.12	3			10.697			14.56	
75.11. 8	3			10.680			12.84	§

13943 9.0 2.9252 +0.0112 +19.486 +0.092 24°4726

79.11.14	3	23	5	19.040	24	57	35.61	
79.11.21	3			19.091			34.24	

13944 9.5 2.8913 +0.0136 +19.487 +0.091 29°4878

79.11.15	2	23	5	21.276	29	48	44.41	†

The B.D. α is 4^{s} less

13945 9.1 2.9152 +0.0120 +19.488 +0.092 26°4576

84.10.16	7	23	5	23.898	26	27	33.10	
84.10.22	7			23.877			32.77	
84.10.23	7			23.949			31.32	

13946 9.3 2.9186 +0.0117 +19.488 +0.092 25°4893

72.10. 8	3	23	5	24 310	25	57	42.51	
72.12. 7	3			24.350			42.20	
73.11. 1	3			24.335			42.55	
90.10.21	6			24.499			42.73	

13947 9^{m}.5 2^{s}.9125 +0^{s}.0122 +19″.488 +0″.092 26°4577

81.11.10	3	23^{h}	5^{m}	24^{s}.826	26°	51′	17″.24	
81.11.17	3			24.682			18.20	
81.11.19	3			24.792			17.74	

13948 9.5 2.8917 +0.0136 +19.488 +0.091 — —

79.11.15	3	23	5	25.704	29	47	30.16	†

13949 9.1 2.9261 +0.0112 +19.491 +0.092 24°4727

79.10. 3	2	23	5	33.225	24	54	39.38	
84.10 24	7			33.322			37.10	
84.10.28	7			33.252			37.45	

13950 8.3 2.9104 +0.0124 +19.494 +0.091 27°4506

73.10. 8	3	23	5	42.192	27	16	49.38	Z.C. δ 49″.7
73.10.20	3			42.332			49.95	
77.10.18	3			42.280			49.27	
77.10.23	3			42.192			50.34	

13951 8.8 2.9237 +0.0115 +19.495 +0.092 25°4894

73.11. 3	3	23	5	44.903	25	22	49.24	
73 11.22	1			45.114			50.30	
74.11. 9	2			44.901			49.65	

13952 6.5 2.9182 +0.0119 +19.495 +0.091 26°4580

73.10.14	3	23	5	45.253	26	10	21.24	
73.10.16	3			45.250			21.42	
73.10.27	3			45.311			21.28	
74.11.19	3			45.167			20.97	
77.10. 6	3			45.190			20.44	
77.10. 6	2			45.240			20.71	
78.11.29	3			45.354			19.55	

13953 8.4 2.9263 +0.0114 +19.506 +0.090 25°4895

72.12. 7	3	23	6	17.297	25	10	30.45	Z.C. δ 29″.6
73.10.30	3			17.549			29.27	
77.11. 5	3			17.306			29.07	

13954 9.5 2.9176 +0.0121 +19.507 +0.090 26°4583

81.11.10	3	23	6	20.040	26	29	41.80	
81.11.19	3			20.075			41.78	

13955 9.0 2.8931 +0.0138 +19.507 +0.089 29°4880

72.10.16	3	23	6	21.681	30	1	32.04	
73.10.13	2			21.606			32.90	
73.11.29	3			21.504			32.25	
74.10.23	3			21.526			32.20	v. ft.

13956 9.0 2.9103 +0.0126 +19.509 +0.090 27°4509

72.10.25	3	23	6	26.191	27	36	22.54	Z.C. δ 21″.2
73.11. 5	3			26.116			21.66	
77.10.18	3			26.265			19.35	

13957 9.5 2.9132 +0.0125 +19.512 +0.090 27°4510

73.10. 8	3	23	6	34.395	27	14	2.29	
75.11. 4	3			34.355			3.46	
77.10.23	3			34.270			2.85	

13958 8.2 2.9290 +0.0113 +19.512 +0.090 24°4731

84.11.29	7	23	6	35.629	24	53	38.08	
85.11.16	7			35.585			38.85	
85.11.18	7			35.632			40.55	
85.11.19	7			35.733			39.58	

13959 8ᵐ.9 2ˢ.9089 +0ˢ.0128 +19″.512 +0″.090 27°4511

73.10 20	2	23ʰ	6ᵐ	36ˢ.817	27°	53′	51″.58	Z.C. δ 52″.4
77.11. 1	3			36.715			54.05	
77.11.22	2			36.380			51.59	

13960 9.4 2.9068 +0.0130 +19.514 +0.090 28°4547

79.11.11	3	23	6	40.503	28	13	13.93	
79.11.12	3			40.483			14.27	

13961 9.0 2.9184 +0.0122 +19.517 +0.089 26°4584

73 10.14	3	23	6	49.390	26	35	23.54	
73.10.16	3			49.187			23.21	
73.10.27	3			49.288			22.04	
75.10.12	1			49.492			24.75	

13962 8.9 2 9216 +0.0119 +19.518 +0 089 26°4585

73.11.15	3	23	6	52.787	26	8	11.49	
74.11.19	3			52.782			13.18	
75 11. 8	3			52.765			13.16	§
78.11.29	3			52.814			11.34	
85.11.17	7			52.845			12.08	

13963 9.4 2.8931 +0.0140 +19.518 +0.088 30°4902

73.11.12	3	23	6	54.971	30	16	10.36	
75.10.21	3			54.861			10.46	

13964 9.0 2.9234 +0.0118 +19.518 +0.089 25°4896

72.10. 8	3	23	6	55.157	25	52	47.24	
73.10.30	2			55.043			45.88	
74.11. 9	3			54.789			46.99	
76.10.10	3			54.839			45.87	
87.11.19	7			54.988			47.78	

13965 6.5 2.9041 +0.0133 +19.520 +0.089 28°4548

72.10.11	3	23	7	0.255	28	45	46.95	
72.10.14	3			0.413			47.34	
72.10.22	3			0.256			46.98	
72.11. 7	3			0.278			47.33	
72.11.21	3			0.294			47.35	
74.11. 7	3			0.185			46.39	
79.11.19	3			0.177			46.11	
79.11.29	3			0.157			45.92	
79.11.29	2			0.197			46.71	
80.11. 3	3			0.239			47.30	

13966 9.5 2.9262 +0.0117 +19.521 +0.089 25°4897

81.11.17	3	23	7	2.680	25	30	0.98	
81.11.19	3			2.771			1.58	

13967 8.9 2.9215 +0.0120 +19.521 +0.089 26°4586

73.10.14	1	23	7	3.193	26	13	3.72	
73.11.15	1			3.166			3.94	
74.11.19	2			3.432			2.97	
75.11. 8	2			3.376			4.79	§

13968 9.1 2.9239 +0.0119 +19.528 +0.089 25°4898

72.12. 7	3	23	7	24.499	26	0	34.00	
73.11. 1	3			24.452			33.26	
73.11.22	1			24.388			33.92	
77.11. 5	3			24.483			32.95	

13969 8.9 2.8998 +0.0137 +19.529 +0.088 29°4882

72.10.16	3	23	7	25.548	29	33	48.67	
73.11.29	3			25.422			48.52	
74.10.23	3			25.523			48.34	
75.10.21	3			25.566			48.76	

13970 9ᵐ.4 2ˢ.9264 +0ˢ.0117 +19″.530 +0″.089 25°4899

81.11.10	2	23ʰ	7ᵐ	29ˢ.215	25°	39′	7″.43	†

13971 8.5 2.9072 +0.0132 +19.532 +0.088 28°4549

72.10.22	3	23	7	36.512	28	35	6.02	Z.C. δ 6″.0
72.11. 7	3			36.434			5.80	−5′
73.10.23	3			36 395			4.95	
77.10. 5	3			36.286			6.39	
77.10 16	3			36 533			5.38	
77.11.23	3			36.496			6.98	
87.11.16	5			36.413			6.61	

13972 9.3 2.9087 +0.0132 +19.534 +0.088 28°4550

72.10.11	3	23	7	40.628	28	23	15.40	
77.10. 5	3			40.601			16.49	
90.11.10	5			40.375			14.07	

13973 8.8 2.9121 +0.0129 +19.534 +0.088 27°4515

72.10.25	3	23	7	41.387	27	53	51.73	
73.10. 8	3			41.248			50.68	
73.10.20	3			41.498			51.27	
77.10.23	3			41.470			51.62	
77.11.22	3			41.375			52.01	

13974 9.5 2.9015 +0.0137 +19.535 +0.087 29°4884

73.11.12	3	23	7	44.350	29	27	60.25	Z.C. δ 0″.2
73.11.29	3			44.171			60.31	
75.11.25	3			44.321			60.47	v. ft.
77.10. 4	3			44.338			59.77	

13975 9.5 2.9244 +0.0120 +19.535 +0.088 25°4900

81.11.17	2	23	7	45.844	26	4	26.14	†

13976 9.5 2.9101 +0.0132 +19.543 +0.087 — —

73.10.23	3	23	8	8.207	28	23	22.83	†

13977 9.1 2.9061 +0.0135 +19.546 +0.086 28°4554

77.10.16	3	23	8	16.508	29	2	18.83	−1′
77.11.23	3			16.324			18.58	Z.C. δ 18″.6
80.11.27	2			16.459			18.37	

13978 7.0 2.9058 +0.0136 +19.546 +0.086 28°4555

72.11.21	3	23	8	17.541	29	5	29.60	Z.C. Ep. 79.0
79.10. 3	1			17.473			29.35	
79.11.13	3			17.541			29.31	
79.11.13	3			17.421			29.22	
80.11.20	3			17.649			29.37	brighter of 2
80.11.27	3			17.351			29.74	

13979 8.8 2.9025 +0.0139 +19.549 +0.086 29°4887

72.10.16	3	23	8	26.528	29	38	43.64	
73.10.13	3			26.433			44.63	
73.11.12	2			26.668			45.21	
73.11.29	2			26.398			43.90	
74.10.23	3			26.608			43.91	ft.
75.11.25	3			26.723			43.26	

13980 9 2 2.9000 +0.0140 +19.549 +0.086 29°4886

78.10.22	3	23	8	26.973	30	0	60.76	
78.10.26	3			27.041			58.61	
78.11.18	3			27.072			59.38	
79.10. 1	3			26.799			59.50	
79.10. 3	3			26.804			58.90	

13981 9^{m}.4 2^{s}.9318 +0^{s}.0116 +19″.550 +0″.087 25°4902

81.11.19	2	23^{h} 8^{m}28^{s}.829	25° 14′ 18″.79	†

13982 8.9 2.9126 +0.0132 +19.552 +0.086 28°4556

73.10.23	1	23 8 36.760	28 14 40.21	
79.11.11	3	36.742	41.17	
79.11.12	3	36.712	40.20	
79.11.14	3	36.830	40.66	
80.11. 8	3	37.201	40.27	hazy: ft. §
82.10.20	3	36.795	40.90	

13983 9.2 2.9088 +0.0135 +19.552 +0.086 28°4557

72.10 22	3	23 8 36.901	28 47 49.87	
72.11. 7	3	36.992	49.98	
79.11.14	2	36.935	50.49	
79.11.19	3	36.847	50.31	
79.11.29	3	36.827	51.34	
80.10.21	3	37.272	50.26	v. ft. +5′
80.11. 3	3	36.836	50.93	
80.11.20	3	36.966	50.07	

13984 8.5 2.9300 +0.0118 +19.555 +0.087 25°4903

72.10. 8	3	23 8 44.830	25 38 25.72	
72.12. 7	3	44.524	26.99	
73.10.30	3	44.503	27.14	
74.11. 9	3	44.449	25.71	

13985 7.0 2.9189 +0.0128 +19.557 +0.086 27°4517

72.10.25	3	23 8 51.802	27 23 25.12	
73.10.20	3	51.953	24.96	
77.10.18	3	51.723	24.62	
77.11.22	3	51.864	25.99	
84.10.24	5	51.894	24.35	
84.10.28	5	51.782	24.97	

13986 9.0 2.9348 +0.0115 +19.559 +0.086 24°4734

73.11. 1	3	23 8 58.977	24 58 11.27	
73.11. 3	3	59.011	13.40	
77.11. 5	3	59.183	11.61	
84.10.16	5	59.021	12.32	
84.10.22	5	59.077	11.67	
84.10.23	4	59.108	12.95	

13987 9.3 2.9354 +0.0115 +19.562 +0.086 24°4735

73.11. 3	3	23 9 7.402	24 55 56.11	†

13988 9.0 2.9329 +0.0117 +19.562 +0.086 25°4904

74.11. 9	3	23 9 8.107	25 20 14.70	
76.10.10	3	8.104	13.64	
78.11.29	3	8.310	13.76	
79.11.11	3	8.283	14.64	
79.11.19	3	8.122	14.58	
82.10.20	3	8.048	15.29	

13989 8.0 2.9342 +0.0116 +19.564 +0.086 25°4905

78.11.29	1	23 9 14.825	25 10 47.68	
79.10. 1	3	14.642	48.72	
80.11. 3	2	14.755	48 73	

13990 7.0 2.9354 +0.0115 +19 565 +0.085 24°4737

72.10. 8	3	23 9 15.245	24 59 26.57	
73.11. 1	3	15.255	25.78	
73.11.22	3	15.166	26.68	
86.11.22	7	15.279	26.63	
90.10.21	5	15.256	27.49	

13991 9^{m}.5 2^{s}.9311 +0^{s}.0119 +19″.568 +0″.085 25°4906

81.11.10	3	23^{h} 9^{m}27^{s}.178	25° 46′ 8″.58	
81.12. 3	3	27.212	9.00	+ 1′
93.10.30	7	26.711	9.44	§ s.f. of 2

13992 7.0 2.9201 +0.0129 +19.572 +0.085 27°4521

72.10.25	3	23 9 40.080	27 33 59.22	Z.C. δ 59″.4
73.10. 8	3	40.154	59.67	
73.11. 5	3	40.084	60.14	
77.10.23	3	40.225	58.69	

13993 7.8 2.9242 +0.0126 +19.573 +0.085 26°4588

73.10.14	3	23 9 40.598	26 56 56.78	
73.10.16	3	40.705	56.93	
73.10.27	3	40.673	55.60	+ 1′
73.11.15	3	40.668	56.22	
75.11. 8	3	40.611	56.78	§

13994 8.9 2.9254 +0.0125 +19.574 +0.084 26°4589

73.10.14	3	23 9 45.289	26 48 14.41	
73 10.27	2	45.383	13.44	
73.11.15	2	45.168	14.59	
75.10.12	3	45.208	15.60	

13995 8.2 2.9211 +0.0129 +19.578 +0.084 27°4523

73.10. 8	2	23 9 58.024	27 32 45.33	
73.10.20	3	57.961	44.12	
73.11. 5	3	57.754	44.49	
74. 9.18	3	57.870	44.24	
77.10.23	3	57.863	44.26	
77.11. 1	3	57.773	47.17	
77.11.22	3	57.772	44.17	
87.11.16	7	57.939	44.61	

13996 8.0 2.9059 +0.0142 +19.582 +0.083 29°4890

72.10.16	3	23 10 10.398	29 59 7.58	
73.10.13	2	10.573	7.20	
74.10.23	3	10.534	7.64	
75.11.25	3	10.601	7.30	
76.10.18	3	10.391	6.93	

13997 8.6 2.9348 +0.0119 +19.584 +0.083 25°4907

72.10. 8	1	23 10 17.148	25 31 33.68	
72.12. 7	3	16.986	33.17	
73.10.30	3	17.102	33.38	
77.11. 5	3	17.010	32.26	
81.11.19	3	17.032	32.46	
81.12. 3	3	17.175	33.12	
87.11.19	7	17.123	32.74	

13998 8.9 2.9057 +0.0142 +19.584 +0.083 29°4891

73.10.13	3	23 10 17.761	30 3 58.99	
73.11.12	3	17.875	59.97	
73.11.29	3	17.804	59.15	
75.10.21	3	17.810	59.07	ft.

13999 8.7 2.9395 +0.0116 +19.588 +0.083 24°4740

92.10.22	7	23 10 28.881	24 51 18.56	
92.10.29	7	28.926	19.47	
93.11. 7	7	28.770	18.70	

14000 $8^m.0$ $2^s.9269$ $+0^s.0127$ $+19''.592$ $+0''.083$ 26°4590

73.10.14	3	$23^h\ 10^m\ 43^s.298$	27° 0′ 32″.97	
73.10.16	3	43.215	33.04	
73.11.15	2	43.206	32.07	
75.11. 8	2	43.406	32.26	+ 1 int. §
84.10.24	5	43.357	31.26	
84.10.28	7	43.274	31.93	
84.10.29	5	43.235	32.99	
84.11.21	7	43.235	33.40	
84.11.28	7	43.389	32.14	

14001 9.1 2.9391 +0.0117 +19.593 +0.083 24°4742

72.12. 4	3	23 10 45.913	25 2 12.46	
72.12. 7	3	45.789	14.03	
73.10.30	2	45.935	13.56	
73.11.22	2	45 833	13.64	

14002 7.8 2.9102 +0.0141 +19.595 +0.082 29°4893

72.10.16	3	23 10 53.370	29 41 32.37	
73.10.13	1	53.227	32.70	
73.11.12	3	53.256	32.07	
75.11.25	3	53.357	32.69	

14003 9.5 2.9383 +0.0118 +19.596 +0.082 25°4908

81.11.10	2	23 10 54.998	25 15 9.65	
81.11.17	3	54.938	9.23	

14004 9.1 2.9339 +0.0122 +19.598 +0.082 25°4909

73.11. 3	3	23 11 1.922	26 0 40.91	
74.11. 9	3	1.771	40.12	

14005 8.0 2.9224 +0.0133 +19.601 +0.082 27°4526

72.10.25	3	23 11 10.437	27 55 33.08	Z.C. δ 32″.7
73.10.20	3	10.388	32.70	
77.10.18	3	10.167	32.23	
77.11.22	3	10.356	32.78	

14006 7.7 2.9145 +0.0139 +19.602 +0.082 29°4895

73.11.12	1	23 11 13.750	29 11 28.47	
73.11.29	3	13.563	28.85	
74.11. 3	3	13.851	27.97	
74.11. 5	3	13.823	27.74	

14007 9.4 2.9361 +0.0121 +19.603 +0.082 25°4910

72.12. 7	2	23 11 19.041	25 46 59.73	Z.C. Ep. 79.0
73.11. 1	3	18.860	57.92	
79.10. 1	2	18.871	59.44	
79.10. 3	3	18.939	58.82	
79.11. 6	3	19.018	58.24	
79.11.11	3	19.091	58.16	
79.11.19	3	18.981	57.57	
80.11. 3	3	19.043	57.99	
80.11.20	3	19.194	57.01	
81.12. 3	3	18.980	59.26	

14008 8.8 2.9090 +0.0144 +19.604 +0.081 29°4896

78.10.22	2	23 11 21.633	30 5 46.13	
84.10.16	5	21.435	46 96	
84.10.22	5	21.495	45.59	
84.10.23	5	21.485	46.20	
90.11.10	5	21.616	43.97	

14009 9.5 2.9361 +0.0121 +19.604 +0.082 25°4911

80.11. 3	2	23 11 21.804	25 47 52.01	† + 5′. Z.C. α 21ˢ.80

14010 $9^m.1$ $2^s.9338$ $+0^s.0124$ $+19''.606$ $+0''.082$ 26°4593

73.10.14	2	$23^h\ 11^m\ 29^s.226$	26° 14′ 48″.82	
73.10.16	2	29.204	50.04	
73.10.27	3	29.038	48.28	
74.11.10	3	29.233	49.06	
75.10.12	3	29.053	50.83	
75.11. 8	3	29.008	48.91	§

14011 9.0 2.9246 +0.0132 +19.607 +0.081 27°4527

73.11. 5	3	23 11 30.641	27 44 4.54	
74. 9.18	3	30.489	3.09	
78.11.18	3	30.794	3.00	

14012 9.4 2.9370 +0.0122 +19.611 +0.081 25°4912

81.11.19	3	23 11 42.781	25 48 55.82	†

14013 8.5 2.9277 +0.0130 +19.611 +0.081 27°4528

77.10.23	3	23 11 43.815	27 20 39.52	
78.11.18	2	43 821	41.00	
84.11.10	7	43.907	40.13	+ 10ˢ

14014 9.5 2.9101 +0.0144 +19.611 +0.081 30°4919

73.11.29	3	23 11 44.261	30 7 48.54	†

14015 7.2 2.9126 +0.0143 +19.612 +0.080 29°4899

72.10.16	1	23 11 49.151	29 46 36.11	
76.10.18	3	48.819	35.44	
92.10.25	7	48.942	35.81	

14016 7.3 2.9315 +0.0128 +19.618 +0.080 26°4596

73.11.15	3	23 12 7.555	26 55 5.38	Z.C. α 7ˢ.63
74.11.10	3	7.712	6.25	Z.C. Ep. 79.5
78.11.29	3	7.716	5.72	
81.11.19	2	7.585	5.70	
83.10.12	4	7.591	7.85	
83.10.29	4	7.592	5.43	

The observation on 73.10.27 included in the Z.C. mean was really an observation of 14021 (below)

14017 9.2 2.9376 +0.0123 +19.619 +0.081 25°4913

72.10. 8	3	23 12 9.429	25 55 5.44	Z.C. δ 5″.7
72.12. 4	3	9.134	5.38	
73.10.30	3	9.068	7.81	
77.11. 5	3	9.023	4.21	

14018 9.0 2.9369 +0.0124 +19.620 +0.081 25°4914

73.11. 1	3	23 12 14.507	26 5 5.98	
74.11. 9	3	14.566	6.63	
80.11.27	3	14.624	5.80	

14019 8.4 2.9330 +0.0127 +19.622 +0.080 26°4597

74.11.19	3	23 12 21.078	26 46 11.14	
79.10. 3	3	21.010	11.10	
79.11.19	3	21.004	10.81	
87.11.19	5	21.151	12.74	

14020 9.0 2.9318 +0.0128 +19.623 +0.080 26°4598

79.11.11	3	23 12 21.727	26 58 29.99	Z.C. δ 29″.2
82.10.20	3	21.629	29.18	
83.10.20	3	21.783	28.43	

14021 7.0 2.9321 +0.0128 +19.623 +0.080 26°4599

73.10.27	3	23 12 21.712	26 55 21.18	§
78.11.29	·	21.763	20.21	
84.11.20	7	21.677	19.49	

14022	$9^{\mathrm{m}}3$	$2^{\mathrm{s}}9328$	$+0^{\mathrm{s}}0128$	$+19''625$	$+0''080$	26°4600
81.11.17	3	$23^{\mathrm{h}}12^{\mathrm{m}}28^{\mathrm{s}}917$	26° 51′ 48″62			†
14023	9.3	2.9435	+0.0119	+19.628	+0.080	25°4915
72.12. 7	2	23 12 38.977	25 7 57.73			Z.C. δ 56″7
73.11. 1	3	38.621	55.17			
73.11.22	3	38.569	57.26			
77.11. 5	2	38.735	56.57			ex. ft.
14024	9.0	2.9456	+0.0118	+19.632	+0.079	24°4750
84.10.24	5	23 12 54.079	24 54 22.15			
84.10.29	5	54.119	23.64			
14025	8.0	2 9413	+0.0123	+19.638	+0.078	25°4917
73.10.30	3	23 13 15.068	25 47 53.71			
73.11.22	2	15.036	53.11			
80.11. 3	3	14.948	53.81			
14026	9.4	2.9439	+0.0122	+19.642	+0.078	25°4918
74.11. 9	3	23 13 28.676	25 28 10.80			Z.C. α 28ˢ64
76.10.10	3	28.608	10.21			
90.10.21			10.78			α rejected
14027	8.0	2.9360	+0.0129	+19.642	+0.078	26°4604
73.10.14	3	23 13 28.853	26 48 37.02			
79.10. 3	3	28.932	37.06			
80.11.27	3	28.886	36.69			
83.11. 9	3	28.918	37.18			
14028	9.0	2.9206	+0.0142	+19.643	+0 077	29°4905
84.10.22	5	23 13 31.811	29 23 50.31			
84.10.23	5	31.781	50.04			
14029	9.5	2.9329	+0.0132	+19.645	+0.077	27°4529
79.11. 6	3	23 13 37.598	27 24 23.21			†
14030	8.5	2.9287	+0.0136	+19.647	+0.077	28°4562
72.10.22	3	23 13 44.241	28 11 11.10			Z.C. δ 11″6
74.11. 7	3	44.122	11.07			§
77.10. 5	3	44.299	12.00			
14031	8.5	2.9294	+0.0136	+19.647	+0.077	27°4530
74. 9.18	3	23 13 44.217	28 2 50.13			Z.C. δ 50″6
74.10.22	3	44.306	51.31			
77.10.18	3	44.315	50.48			
14032	9.0	2.9221	+0.0142	+19.648	+0.077	29°4906
72.10.16	3	23 13 46.790	29 17 20.39			
78.10.22	3	46.803	20.99			
84.11.21	7	46.555	19.92			
84.11.28	7	46.761	19.80			
14033	9.4	2.9447	+0.0122	+19.649	+0.077	25°4920
73.11. 1	2	23 13 50.799	25 30 53.06			† d.f.
14034	9.5	2.9354	+0.0131	+19.653	+0.077	27°4531
81.11.17	3	23 14 3.218	27 12 21.38			†
14035	8.8	2.9362	+0.0131	+19.654	+0 077	27°4532
74.10.22	3	23 14 7.976	27 6 54.98			Z.C. δ 54″8
77.10.23	3	7.952	54.53			
78.11.18	3	7.903	54.88			
14036	$9^{\mathrm{m}}2$	$2^{\mathrm{s}}9486$	$+0^{\mathrm{s}}0119$	$+19''655$	$+0''077$	24°4753
84.10.31	3	$23^{\mathrm{h}}14^{\mathrm{m}}10^{\mathrm{s}}694$	24° 58′ 38″12			
85.11.18	7	10.640	40.95			
14037	8.7	2.9334	+0.0134	+19.660	+0.076	27°4533
77.10.18	3	23 14 28.218	27 45 31.17			Z.C. δ 31″4
77.10.23	3	28.326	31.03			
80.10.21	3	28.459	31.95			
14038	8.8	2.9436	+0.0126	+19.662	+0.076	25°4922
73.10.30	3	23 14 36.295	26 2 60.01			
73.11.22	3	36.321	60.35			
74.11. 9	3	36.255	59.51			
76.10.10	3	36.418	58.93			
77.11. 5	3	36.200	58.35			
14039	9.2	2.9378	+0.0131	+19.662	+0.076	26°4606
73.10.14	3	23 14 36.851	27 4 16.94			
79.10. 1	3	36.872	17.50			
80.11. 3	2	36.977	16.97			
83.11.12	3	37.037	17.32			
14040	9.0	2.9292	+0.0139	+19.663	+0.076	28°4566
77.10.16	2	23 14 38.634	28 33 19.08			Z.C. δ 19″0
83.11.17	2	38 485	19.23			
85.11.17	7	38.558	19.16			
86.11.22	7	38.513	18.57			
14041	6.3	2.9223	+0.0145	+19.664	+0.075	29°4908
78.10.22	3	23 14 42.517	29 43 58.89			
83.11. 9	5	42.393	59.10			
14042	8.5	2.9318	+0.0137	+19.664	+0.076	28°4568
72.10.22	3	23 14 43.225	28 9 40.11			
74.11. 7	3	43.249	39.41			
77.10. 5	3	43.067	40.45			
14043	9.0	2.9384	+0.0131	+19.664	+0.076	26°4608
73.10.14	1	23 14 43.712	27 1 2.31			Z.C. δ 2″2
83.10.20	4	43.638	2.01			
83.10.29	4	43.730	2.10			
83.11.14	3	43.517	2.36			
14044	8.8	2.9365	+0.0133	+19.665	+0.075	27°4534
78.11.18	3	23 14 46.625	27 22 60.02			Z.C. δ 59″8
79.11. 6	3	46.427	59.86			
83.11.10	3	46.654	59.60			
14045	9.2	2.9416	+0.0128	+19.665	+0.075	26°4609
84.10.24	5	23 14 47.487	26 30 59.78			†
14046	9.1	2.9393	+0.0131	+19.667	+0.075	26°4612
83.10.12	4	23 14 55.321	26 58 52.01			Z.C. δ 51″3
83.11.19	3	55.312	50.63			
14047	8.9	2.9302	+0.0139	+19.669	+0.075	28°4569
77.10.16	2	23 14 59.271	28 33 50.91			
80.10.21	2	59.592	50.22			
83.11.17	3	59.297	51.69			
14048	9.4	2.9363	+0.0134	+19.669	+0.075	27°4535
81.11.19	3	23 15 1.554	27 32 56.61			†

14049 8$^{\mathrm{m}}$.6 2$^{\mathrm{s}}$.9302 +0$^{\mathrm{s}}$.0140 +19″.670 +0″.075 28°4570

77.10. 5	3	23$^{\mathrm{h}}$15$^{\mathrm{m}}$ 6$^{\mathrm{s}}$.593	28° 37′ 49″.32	Z.C.δ48″.6
77.10.16	2	6.503	47.80	
79.10. 3	3	6.746	48.79	

14050 9.1 2.9295 +0.0141 +19.673 +0.075 28°4571

72.10.22	3	23 15 14.794	28 49 12.30	Z.C.δ12″.4
74.11. 7	3	14.728	12.32	−5′
83.11.10	2	14.719	11.86	
83.11.21	7	14.651	13.01	

14051 9.2 2.9354 +0.0135 +19.673 +0.074 27°4537

84.10.22	5	23 15 15.148	27 49 16.26	
84.10.23	5	15.137	16.44	
84.10.29	7	15.308	16.73	

14052 9.4 2.9371 +0.0134 +19.674 +0.074 27°4536

81.11.17	3	23 15 16.838	27 32 30.72	
81.11.19	3	16.739	30.74	

14053 9.2 2.9248 +0.0146 +19.676 +0.074 29°4910

72.10.16	3	23 15 24.501	29 42 17.22	
73.11.12	1	24.623	17.13	
73.11.29	2	24.314	16.74	

14054 9.1 2.9403 +0.0132 +19.678 +0.074 26°4614

79.10. 1	2	23 15 30.751	27 5 36.03	Z.C.δ36″.3
83.10.12	1	30.794	36.84	+5′
83.10.29	4	30.731	35.69	
83.11.19	4	30.864	36.53	+5′

14055 8.7 2.9294 +0.0142 +19.678 +0.074 28°4573

83.10.20	4	23 15 32.215	28 59 20.31	
83.11.12	4	32.152	21.40	

14056 6.3 2.9478 +0.0126 +19.683 +0.074 25°4924

73.10.30	3	23 15 49.615	25 55 36.53	
73.11. 1	3	49.685	35.58	
74.11. 9	3	49.749	34.64	

14057 7.2 2.9364 +0.0137 +19.684 +0.073 27°4538

73.10.23	1	23 15 56.061	28 0 42.87	Z.C.δ44″.4
73.11. 5	3	55.935	45.44	
74. 9.18	3	55.876	43.55	
74.10.22	3	55.890	44.29	
77.11.23	3	56.105	45.87	

14058 8.5 2.9404 +0.0134 +19.689 +0.073 27°4540

77.10.18	3	23 16 12.345	27 26 20.04	
77.10.23	3	12.423	20.81	
78.11.18	3	12.338	20.82	

14059 8.3 2.9331 +0.0142 +19.690 +0.072 28°4575

72.10.11	3	23 16 15.720	28 44 56.28	Z.C.δ55″.7
72.10.22	2	15.679	54.84	
72.11. 7	3	15.599	55.38	
77.10. 5	1	15.522	56.37	

14060 6.6 2.9529 +0.0123 +19.691 +0.073 25°4927

72.10. 8	3	23 16 18.468	25 14 2.41	
73.11. 1	1	18.448	0.90	
73.11.22	3	18.510	2.15	
74.11. 9	3	18.423	1.62	

14061 8$^{\mathrm{m}}$.5 2$^{\mathrm{s}}$.9448 +0$^{\mathrm{s}}$.0132 +19″.697 +0″.072 26°4617

73.10.14	3	23$^{\mathrm{h}}$16$^{\mathrm{m}}$40$^{\mathrm{s}}$.326	26° 53′ 20″.25	
73.10.16	3	40.351	21.22	
73.11.15	3	40.347	21.75	

14062 9.0 2.9426 +0.0135 +19.699 +0.072 27°4541

73.11. 5	2	23 16 48.780	27 21 58.43	Z.C.δ56″.9
77.11.22	3	48.754	56.33	
79.10. 3	3	48.741	56.82	
79.11.11	3	48.799	57.10	
83.11.14	3	48.771	55.98	

14063 9.3 2.9421 +0.0135 +19.701 +0.072 27°4542

74.10.22	2	23 16 54.057	27 29 49.98	
77.10.23	3	54.094	48.98	
78.11.18	2	54.094	50.24	

14064 9.4 2.9526 +0.0125 +19.701 +0.072 25°4929

72.12. 7	3	23 16 56.114	25 36 2.91	
73.10 30	3	56.246	2.98	
77.11. 5	3	56 381	3.56	

14065 9.1 2.9556 +0.0122 +19.703 +0.072 24°4762

84 10.24	5	23 17 1.222	25 4 56.43	−1′
84 10.28	5	1.267	56.24	
84.11.21	7	1.089	57.80	−1′
84.11.28	7	1.467	57.01	

14066 9.4 2.9278 +0.0150 +19.705 +0.071 30°4931

78.10.22	3	23 17 8.948	30 10 23.18	
79.10. 3	2	8.986	23.24	
80.11.19	3	8.816	21.27	

14067 8.9 2.9289 +0.0149 +19.705 +0.071 29°4915

72.10.16	3	23 17 11.712	30 0 44.25	
79 11. 6	3	11.654	43.29	
79.11.19	2	11.749	43.57	
80.11.27	3	11.687	43.68	+1$^{\mathrm{m}}$

14068 8.8 2.9313 +0.0148 +19.709 +0.070 29°4917

73.11.29	3	23 17 25.449	29 42 39.59	+1$^{\mathrm{s}}$
79.11.29	3	25.606	40.11	
81.11.17	3	25.651	38.95	
83.11.10	3	25.640	40.65	

14069 8.4 2.9298 +0.0149 +19.709 +0.070 29°4918

74.11. 3	3	23 17 26.229	29 58 52.95	
79.11.19	3	26.235	53.32	
83.10.20	4	26.202	53.77	
83.10.29	4	26.173	53.54	
83.11.12	3	26.128	54.83	

14070 7.0 2.9370 +0.0145 +19.717 +0.069 28°4577

72.10.11	3	23 17 55.293	28 59 12.14	Z.C.δ11″.6
72.10.22	3	55.291	11.31	
72 11. 7	3	55.300	11.83	
72.11.21	3	55.186	12.07	
73.10.23	3	55.145	10 46	

14071 8.0 2.9446 +0.0137 +19.719 +0.070 27°4544

74. 9.18	3	23 18 1.817	27 39 28.08	Z.C.δ28″.0
77.10.23	3	1.643	28.05	
77.11.22	3	1.484	27.72	

14072	$8^{m}.8$	$2^{s}.9536$	$+0^{s}.0128$	$+19''.719$	$+0''.070$	25°4932
72.12. 7	3	$23^{h}\,18^{m}\,2^{s}.371$		$25^{\circ}\,59'\,6''.52$		
73.10.30	3	2.384		7.20		
76.10.10	3	2.301		5.80		
77.11. 5	3	2.185		5.68		
86.11.22	7	2.335		5.71		
14073	9.3	2.9597	+0.0122	+19.721	+0.070	24°4768
84.10.22	7	23 18 8.348		24 51 23.95		
84.10.23	5	8.495		23.31		
84.10.29	6	8.334		24.33		
14074	8.0	2.9318	+0.0150	+19.721	+0.069	29°4919
74.11. 3	3	23 18 10.027		30 3 54.45		Z.C. $\alpha\,9^{s}.96$
79.10. 1	3	9.837		56.52		$+5'$
84.11.29	7	10.012		56.10		
14075	9.5	2.9599	+0.0123	+19.723	+0.069	24°4769
92 10 29	3	23 18 17.982		24 54 22.89		ex. ft.
92.11. 3	6	18.323		21.07		
93.10. 6	4	18.140		21.84		
93.10.30	7	18.060		19.56		
14076	7.7	2.9327	+0.0150	+19.724	+0.069	29°4920
72.10.16	3	23 18 22.648		30 1 29.54		
79.10. 1	3	22.622		30.16		
79.11.19	2	22.923		29.45		
85.11.16	5	22.744		30.31		
14077	9.0	2.9323	+0.0151	+19.726	+0.069	30°4935
78.10.22	3	23 18 28.599		30 8 61.76		
81.11.10	3	28.742		59.44		
81.11.17	3	28.683		60.08		$+1^{m}$
83.11. 9	4	28.599		59.67		
86.11.17	7	28.598		59.62		
86.11.18	7	28.637		59.65		
14078	7.8	2.9611	+0.0123	+19.727	+0.069	24°4770
84.10.31	5	23 18 34.177		24 48 35.63		
84.11.10	7	34.198		36.63		
84.11.20	7	34.131		35.44		
14079	9.1	2.9330	+0.0151	+19.730	+0.068	30°4936
85.11.17	7	23 18 46.095		30 11 49.46		
85.11.18	5	46.254		51.38		
86.11. 2	5	46.224		49.58		
14080	8.7	2.9545	+0.0130	+19.732	+0.068	26°4622
73.10.14	3	23 18 51.613		26 14 26.95		Z.C. $\delta\,26''.8$
81.11.10	3	51.262		27.25		
83.11.10	3	51.520		26.24		
14081	8.8	2.9541	+0.0131	+19.734	+0.068	26°4625
83.10.20	3	23 18 59.377		26 25 12.24		Z.C. $\delta\,12''.3$
83.10.29	3	59.362		12.29		
83.11. 9	2	59.306		12.30		
14082	8.6	2.9489	+0.0138	+19.737	+0.068	27°4547
77.10.18	3	23 19 10.109		27 30 19.62		Z.C. $\delta\,18''.8$
77.11.22	3	10.203		18.13		
78.11.18	3	10.364		18.68		
14083	9.5	2.9475	+0.0139	+19.737	+0.068	27°4546
81.11.19	3	23 19 10.893		27 46 53.51		†

14084	$7^{m}.8$	$2^{s}.9598$	$+0^{s}.0127$	$+19''.740$	$+0''.067$	25°4934
72.12. 7	3	$23^{h}\,19^{m}\,22^{s}.825$		$25^{\circ}\,29'\,60''.06$		Z.C. $\delta\,59''.0$
73.10.30	3	22.925		59.60		
76.10.10	3	22.967		58.46		
77.11. 5	3	22.822		59.25		
87.11.19	7	23.165		57.75		
14085	9.2	2.9356	+0.0153	+19.744	+0.067	30°4940
74.11. 3	3	23 19 39.230		30 16 34.66		v. ft.
78.10.22	3	39.423		36.59		
79.11. 6	3	39.248		34.77		
83.11.14	7	39.514		35.39		
14086	9.3	2.9525	+0.0136	+19.744	+0.067	26°4626
92.10.22	2	23 19 39.705		27 4 58.24		Z.C. $\alpha\,39^{s}.63$
92.10.25	5	39.550		59.32		
14087	8.4	2.9534	+0.0136	+19.746	+0.066	26°4627
73.10.14	2	23 19 48.468		27 0 12.39		Z.C. $\delta\,12''.9$
83.10.12	1	48.358		14.31		
83.11.10	2	48.300		11.99		
14088	7.9	2.9534	+0.0136	+19.747	+0.066	26°4628
81.11.17	3	23 19 49.656		27 1 13.22		Z.C. $\delta\,13''.9$
83.10.12	1	49.647		15.21		
83.10.20	2	49.650		12.94		
83.11.12	7	49.631		14.17		
14089	8.0	2.9638	+0.0125	+19.748	+0.066	24°4774
84.11.21	7	23 19 54.545		24 58 45.26		
84.11.28	7	54.701		44.82		
87.11.15	7	54.600		44.83		
14090	8.5	2.9482	+0.0141	+19.749	+0.066	27°4550
74. 9.18	3	23 19 57.815		28 5 45.63		
77.10.23	3	57.694		45.43		
77.11.22	3	57.702		44.98		
78.11.18	3	57.791		45.62		
14091	9.2	2.9602	+0.0130	+19.753	+0.066	25°4936
84.10.23	5	23 20 12.222		25 52 24.74		Z.C. $\alpha\,12^{s}.30$
84.10.29	5	12.302		25.30		
86.11.25	7	12.367		26.29		
14092	9.5	2.9528	+0.0138	+19.753	+0.066	27°4551
81.11.19	3	23 20 13.719		27 21 58.34		†
14093	9.0	2.9462	+0.0145	+19.753	+0.066	28°4581
72.10.11	3	23 20 14.791		28 38 40.78		
72.10.22	3	14.476		39.47		
72.11. 7	3	14.622		40.94		
72.11.21	3	14.703		40.55		
14094	8.7	2.9484	+0.0144	+19.756	+0.065	28°4582
72.11. 7	3	23 20 27.356		28 21 3.28		Z.C. $\delta\,3''.7$
73.10.23	3	27.281		2.00		
77.10. 5	3	27.276		5.92		
14095	9.5	2.9446	+0.0148	+19.757	+0.065	28°4583
85.11.16	5	23 20 29.149		29 6 23.19		
85.12. 7	7	29.234		21.04		ex. ft. bad
14096	9.5	2.9589	+0.0132	+19.758	+0.065	26°4630
73.11.15	2	23 20 32.241		26 19 45.49		
81.11.10	2	32.297		45.54		

14097	$9^m.0$	$2^s.9492$	$+0^s.0143$	$+19''.758$	$+0''.065$	— —
72.10.22	2	$23^h 20^m 33^s.875$	28° 15′ 22″.35			†
14098	9.3	2.9539	+0.0139	+19.760	+0.065	27°4553
81.11.19	3	23 20 41.389	27 24 43.45			†
14099	9.5	2.9410	+0 0153	+19.764	+0.064	29°4928
73.10.13	2	23 20 59.209	30 5 40.80			v. ft.
73.11.12	3	59.088	42.72			
73.11.29	3	58.822	42.17			
14100	9.1	2.9565	+0.0138	+19.766	+0.064	27°4555
84.11.10	7	23 21 5.524	27 8 29.83			
84.11.20	7	5.571	28.11			
86.11. 2	5	5.517	29.08			
90 12. 6	5	5.476	28.82			
14101	8.5	2.9465	+0.0149	+19.768	+0.064	29°4930
72.10.16	3	23 21 14.645	29 12 15.33			
73.11.12	1	14.430	14.27			
74.11. 3	2	14.711	13.22			
80.11.19	1	14.293	13.03			
80.11.27	3	14.516	13.23			
14102	8.5	2.9503	+0.0146	+19.771	+0.063	28°4586
72.10.11	3	23 21 24.499	28 32 47.45			
72.11.21	3	24.156	47.19			
73.10.23	3	24.249	45.16			
14103	8.8	2.9529	+0.0144	+19.774	+0.063	28°4587
74.11. 7	3	23 21 40.179	28 12 18.43			
78.10.22	3	40.206	21.14			$+1^m$
78.11.18	3	40.159	19.54			
78.12. 9	3	40.169	19.03			
79.10. 1	3	40.131	19.53			
79.11.11	3	40.077	19.27			
79.11.21	3	40.276	17.90			
79.11.29	3	40.154	19.41			
14104	9.5	2.9623	+0.0133	+19.775	+0.063	— —
73.10.14	3	23 21 41.316	26 17 56.29			†
14105	9.5	2.9526	+0.0145	+19.777	+0.062	— —
72.10.11	2	23 21 50.665	28 22 21.21			†
14106	9.4	2.9509	+0.0147	+19.777	+0.062	28°4588
72.11. 7	3	23 21 53.143	28 44 41.57			
73.10.23	2	53.159	40.20			
77.11.23	3	53.058	42.85			
78.11.18	2	53.330	42.58			
14107	8.9	2.9435	+0.0155	+19.778	+0.062	30°4950
92.10.22	6	23 21 57.531	30 13 31.16			
92.10.25	6	57.563	32.75			w. $2-1^s$
14108	8.7	2.9509	+0.0148	+19.780	+0.062	28°4589
72.11.21	2	23 22 1.954	28 49 48.23			Z.C. α $1^s.77$
79.10. 1	1	1.795	48.06			
79.11.11	2	1.641	48.23			
81.11.17	3	1.811	47.55			
83.10.29	4	1.666	47.55			

14109	$8^m.7$	$2^s.9683$	$+0^s.0127$	$+19''.780$	$+0''.063$	25°4940
72.10. 8	2	$23^h 22^m 2^s.203$	25° 14′ 27″.28			
72.12. 4	3	2.040	27.88			
72.12. 7	3	2.086	27.35			
73.10.30	3	2.203	27.81			
77.11.16	3	2.155	26.66			
80.10.29	3	2.240	27.19			
14110	9.5	2.9603	+0.0138	+19.784	+0.062	26°4634
73.10.14	2	23 22 19.979	27 5 28.03			Z.C. α $19^s.80$
73.10.16	3	19.693	26.50			
73.10.27	3	19.848	27.99			$+4^s$
73.11.15	3	19.677	27.50			
14111	9.0	2.9545	+0.0145	+19.785	+0.062	28°4591
72.10.22	3	23 22 22.429	28 20 26.59			Z.C. δ 26″.3
77.11.23	3	22.432	25.83			
78.10.26	3	22.505	26.40			
14112	9.0	2.9632	+0.0135	+19.785	+0.062	26°4635
74.11.19	2	23 22 24.555	26 31 53.11			
75.10.12	3	24.474	52.50			
84.10.23	5	24.663	54.12			
84.10.24	5	24.686	53.16			
14113	9.4	2.9585	+0.0141	+19.786	+0.061	27°4556
81.11.15	3	23 22 29.414	27 34 48.57			
81.11.19	3	29.588	48.42			
81.12. 8	3	29.478	48.35			
14114	8.9	2.9634	+0.0135	+19.786	+0.062	26°4636
74.11.19	3	23 22 30 384	26 33 9.73			
75.10.12	3	30.369	9.43			
78.10.29	3	30.401	8.71			
84.10.28	5	30.502	9.31			
84.10.29	6	30.352	9.51			
85.11.16	5	30.437	9.96			
14115	9.5	2.9510	+0.0150	+19.787	+0.061	29°4933
73.11.29	2	23 22 33.478	29 8 57.16			†
14116	9.2	2.9572	+0.0143	+19.789	+0.061	27°4558
72.10.25	3	23 22 40.592	27 57 40.13			
72.10.25	1	40.662	40.09			
73.10. 8	3	40.613	39.50			
73.10.20	3	40.717	38.45			
73.11. 5	3	40.870	40.07			
74.10.22	3	40.810	39.83			
77.11.22	3	40.845	40.81			
77.11.22	1	40.655	38.98			
87.11.16	7	40.670	39.67			
14117	9.5	2.9606	+0.0139	+19.789	+0.062	27°4557
81.12. 3	3	23 22 41.612	27 15 31.31			†
14118	8.8	2.9501	+0.0152	+19.790	+0.061	29°4934
72.10.16	3	23 22 46.128	29 27 55.37			
73.10.13	3	46.198	54.88			
80.10.29	3	45.987	54.30			
80.11.20	3	46.021	54.83			
82.10.20	3	46.183	53.98			

14119 $9^{m}0$	$2^{s}9711$	$+0^{s}0128$	$+19''793$	$+0''061$	25°4944
72.10. 8	3	$23^{h}23^{m}\ 0^{s}598$	$25^{\circ}\ 12'\ 4''06$		
72.12. 7	3	0.417	5.18		
73.11.22	3	0.433	5.43		
77.11.16	3	0.411	3.84		
14120 8.4	2.9719	+0.0128	+19.795	+0.061	25°4945
72.12. 4	3	23 23 8.582	25 7 24.49		
73.11. 3	3	8.525	25.45		
77.11. 5	3	8.386	24.05		$+1^{m}-1'$
14121 8.3	2.9505	+0.0154	+19.798	+0.060	29°4940
73.11.12	3	23 23 18.937	29 44 46.13		
73.11.29	2	18.828	44.48		
74.11. 3	3	19.034	43.82		
74.11. 5	3	18.886	44.66		
80.11.19	2	18.975	44.57		
80.11.27	3	18.863	44.28		
14122 9.0	2.9704	+0.0131	+19.799	+0.060	25°4947
73.11. 3	3	23 23 24.513	25 35 33.95		
73.11.22	2	24.623	34.11		ex. ft.
77.11.13	3	24.471	32.94		
14123 9.1	2.9730	+0.0128	+19.799	+0.060	24°4783
84.11.10	7	23 23 25.681	25 2 24.74		
84.11.20	7	25.673	24.19		
84.11.21	7	25.634	24.25		
84.11.28	7	25.820	23.93		
14124 9.3	2.9497	+0.0155	+19.800	+0.060	29°4941
73.10.13	1	23 23 27.913	30 0 48.99		
75.11.25	3	27.604	49.17		
78.10.26	3	27.701	48.90		
80.11.20	3	27.649	49.10		
81.11.10	2	27.711	49.33		
86.11. 2	7	27.717	48.60		
14125 9.0	2.9569	+0.0148	+19.801	+0.060	28°4592
72.10.11	3	23 23 32.680	28 34 19.99		
72.10.22	3	32.470	20.44		
72.11. 7	3	32.539	20.65		
74.11. 7	3	32.312	19.85		
78.11.18	2	32.521	21.10		
14126 8.9	2.9590	+0.0146	+19.802	+0.060	28°4593
72.11. 7	1	23 23 38.394	28 12 26.83		Z.C. δ $26''7$
72.11.21	3	38.472	26.04		
77.11.23	3	38.416	27.24		
14127 9.4	2.9702	+0.0133	+19.803	+0.059	— —
79.11.29	3	23 23 45.167	25 50 52.09		†
14128 9.4	2.9535	+0.0154	+19.808	+0.059	29°4943
73.11.12	3	23 24 4.626	29 37 52.43		
75.11.25	3	4.769	53.15		
80.10.29	2	4.704	50.14		
80.11.20	2	4.692	52.54		
82.10.20	3	4.717	52.66		
14129 8.9	2.9756	+0.0128	+19.811	+0.059	24°4786
84.10.23	5	23 24 14.599	24 56 42.33		
84.10.24	5	14.702	43.14		
84.10.28	5	14.671	41.72		
84.10.29	2	14.701	42.93		
14130 $7^{m}6$	$2^{s}9517$	$+0^{s}0157$	$+19''811$	$+0''058$	30°4963
85.11.16	5	$23^{h}24^{m}15^{s}447$	$30^{\circ}\ 8'\ 37''39$		n. f. of 2
92.10.22	7	15.535	36.02		
14131 9.2	2.9600	+0.0149	+19.814	+0.058	28°4594
72.10.22	2	23 24 27.734	28 32 52.89		
73.10.23	3	27.931	51.19		
14132 9.0	2.9674	+0.0140	+19.817	+0.058	26°4642
73.10.14	3	23 24 43.782	27 5 38.63		
73.10.16	3	43.805	36.36		
73.11.15	3	43.672	37.13		
75.10.12	3	43.753	35.21		
14133 8.5	2.9740	+0.0134	+19.820	+0.057	25°4951
72.10. 8	3	23 24 59.697	25 47 9.89		
72.12. 4	3	59.797	10.53		
76.10.10	3	59.765	9.74		
77.11. 5	3	59.728	9.47		
79.11.11	2	59.806	9.36		
14134 9.2	2.9631	+0.0148	+12.822	+0.057	28°4595
81.11.15	3	23 25 7.291	28 18 9.95		
81.11.19	3	7.175	10.44		
81.12. 3	3	7.359	10.99		
14135 9.3	2.9546	+0.0158	+19.823	+0.057	30°4966
73.11.12	3	23 25 8.383	30 8 52.14		
78.10.22	3	8 447	53.58		
14136 6.2	2.9652	+0.0146	+19.825	+0.056	27°4566
73.10. 8	3	23 25 18.189	27 58 36.39		
73.10.20	3	18.186	37.73		
73.11. 5	3	18.278	37.96		
74.10.22	3	18.403	37.68		
77.11.22	3	18.111	37.56		
14137 9.2	2.9771	+0.0131	+19.826	+0.057	25°4952
72.10. 8	2	23 25 23.256	25 19 30.98		Z.C. δ $30''2$
72.12. 4	3	22.952	29.91		
77.11.13	3	23.010	30.49		
77.11.16	3	23.025	30.37		ft.
79.12. 3	3	23.082	29.46		
14138 6.6	2.9670	+0.0145	+19.828	+0.056	27°4568
72.10.25	3	23 25 31.314	27 42 52.15		
73.10. 8	3	31.462	51.37		
73.10.20	3	31.427	50.75		
73.11. 5	3	31.470	52.10		
77.10.23	3	31.203	50.87		
14139 9.0	2.9781	+0.0131	+19.829	+0.056	25°4953
73.11. 3	3	23 25 39.022	25 14 61.63		+ 5′
73.11.22	3	38.837	61.02		Z.C. δ $0''5$
76.10.10	3	38.883	59.23		
77.11. 5	2	39.247	60.44		
87.11.16	7	38.988	60.05		
14140 8.5	2.9805	+0.0129	+19.834	+0.056	24°4790
84.10.31	7	23 25 59.888	24 53 43.46		
84.11.10	7	59.916	45.20		
84.11.20	7	59.885	43.56		
92.10.25	7	60.151	43.55		
92.10.26	4	60.077	43.56		

14141 $8^{m}.8$ $2^{s}.9622$ $+0^{s}.0154$ $+19''.835$ $+0''.055$ 29°4945

73.10 13	3	$23^{h}26^{m}$ $2^{s}.447$	29° 8′ 16″.39	
73.11.12	2	2.477	17.10	
73.11.29	3	2.271	17.43	$+1^{s}$
73.11.29	2	2.431	17.59	
74.11. 5	3	2.462	17.44	
76.10.18	3	2.407	17.42	

14142 8.2 2.9766 +0.0134 +19.835 +0.056 25°4955

73.11. 3	3	23 26 3.278	25 51 50.57	
77.11.16	2	3.241	49.33	
78.11.29	3	3.244	49.56	
79.11.19	2	3.341	48.16	
79.11.29	3	3.350	50.02	
80.10 21	3	3.327	49.28	
81.11.10	3	3.317	48.72	
81.11.17	3	3.206	49.40	
85.11.16	5	3.231	49.79	n.p. of 3

14143 9.0 2.9769 +0.0134 +19.835 +0.056 25°4956

78.11.29	2	23 26 6.844	25 50 40.80	
79.11.11	3	6.986	40.74	
79.11.13	3	6.868	41.21	

14144 8.1 2.9773 +0.0134 +19.837 +0.056 25°4957

73 11.22	1	23 26 13.496	25 49 42.65	Z.C. δ 41″.6
77.11.16	2	13.429	41.48	
79.11.11	3	13.514	41.91	
79.11.19	2	13.599	40.70	
79.11.29	3	13.508	40.87	
80.10.21	3	13.487	41.77	
80.11.27	3	13.514	41.49	
81.11.17	2	13.583	41.97	

14145 9.1 2.9794 +0.0132 +19.837 +0.056 25°4958

72.12. 4	3	23 26 14.740	25 20 3.95	
79.11.13	2	14.740	4.74	
79.12. 3	3	14.873	4.40	
80.11.20	3	15.039	5.61	

14146 8.6 2.9810 +0.0130 +19.838 +0.055 24°4792

84.10.23	5	23 26 20.541	25 0 5.43	
84.10.24	7	20.422	5.03	
84.10.28	7	20.671	4.35	
84.10.29	4	20.524	5.34	

14147 9.5 2.9764 +0.0138 +19.843 +0.054 26°4648

73.10.14	3	23 26 43.691	26 22 0.39	
73.10.16	3	43.703	1.60	
73.11.15	3	43.379	1.46	
75.10 12	3	43.559	1.31	

14148 9.0 2.9621 +0.0157 +19.844 +0.053 29°4952

75.11.25	3	23 26 50.373	29 44 47.24	
76.10.18	3	50.243	46.27	
80.11.19	3	50.513	47.04	
83.10.29	5	50.429	46.63	
84.11.21	7	50.381	48 12	
84.11.28	7	50.544	48.19	

14149 9.0 2.9607 +0.0160 +19.847 +0.053 30°4973

73.10.13	3	23 27 0.298	30 10 32.21	Z.C. δ 31″.8
73.11.29	2	0.120	33.29	
83.11. 9	3	0.127	29.97	

14150 $9^{m}.0$ $2^{s}.9737$ $+0^{s}.0143$ $+19''.848$ $+0''.054$ 27°4571

72.10.25	3	$23^{h}27^{m}$ $6^{s}.137$	27° 15′ 21″.38	Z.C. Ep. 74.5
73.10. 8	3	6.168	21.60	
73.10.20	3	6.082	20.80	
73.11. 5	3	5.940	21.61	
74 10 22	3	6.060	21.44	
77.11.22	3	5.958	21.31	

14151 9.4 2.9678 +0.0151 +19.848 +0.053 28°4597

81.11 19	3	23 27 8.182	28 40 14.22	
81.12. 3	3	8.662	14.88	

14152 9.5 2.9781 +0.0151 +19.849 +0.053 28°4598

81.11.19	2	23 27 10.230	28 38 9.10	
81.12. 8	3	10.260	8.09	

14153 8.9 2.9650 +0.0155 +19.849 +0.053 29°4953

73.11.12	3	23 27 11.275	29 20 3.80	Z.C. δ 3″.5
83.10.12	4	11.077	4.35	
83.11.10	3	11.030	2.41	−15′

14154 7.6 2.9666 +0.0155 +19.852 +0.053 29°4956

74.11. 5	3	23 27 27.476	29 11 7.76	
76.10.18	3	27.379	7.90	
81.11.10	3	27.510	6.47	
83.11. 9	4	27.529	7.66	

14155 9.0 2.9653 +0.0157 +19.853 +0.053 29°4957

83.10.20	4	23 27 29.192	29 29 30.50	
83.11.12	7	29.129	32.02	
85.12. 7	7	29.149	30.24	

14156 9.0 2.9713 +0.0135 +19.853 +0.053 25°4961

72.10. 8	3	23 27 32.820	25 43 58.97	
72.12. 4	3	32.678	59.89	
76.10.10	3	32.602	57.63	
78.11.29	3	32.531	58.31	

14157 9.0 2.9662 +0.0157 +19.855 +0.052 29°4959

73.10.13	2	23 27 40.806	29 26 11.57	Z.C. δ 11″.8
75.11.25	3	40.869	11.45	
80.11.19	3	40.725	11.10	
83.10.12	2	40.853	13.66	+5′
83.11.10	3	40.851	11.18	

14158 9.3 2.9861 +0.0132 +19.861 +0.052 24°4795

92.10.22	7	23 28 9.095	24 56 16.53	v. ft.
92.10 25	2	9.179	15.65	v. ft.

14159 8.9 2.9820 +0.0137 +19.862 +0.052 25°4967

72.10. 8	3	23 28 12.798	26 1 29.69	
72.12. 4	2	12.847	28.60	
77.11.16	3	12 584	30.10	

14160 8.3 2.9770 +0.0145 +19.862 +0.052 27°4574

72.10.25	3	23 28 14.220	27 16 39.19	
73.10. 8	3	14.240	40.16	
73.10.20	3	14.442	40.02	
73.11. 5	3	14.389	40.17	
74.10.22	3	14.296	39.59	
77.11.22	3	14.173	39.67	

14161	$9^{\mathrm{m}}.3$	$2^{\mathrm{s}}.9810$	$+0^{\mathrm{s}}.0139$	$+19''.863$	$+0''.051$	26°4652
73.10.14	3	$23^{\mathrm{h}}28^{\mathrm{m}}19^{\mathrm{s}}.792$	$26^{\circ}21'32''.80$			
73.10.16	3	19.644	32.64			
73.11.15	3	19.538	32.30			
75.10.12	3	19.612	31.70			-1^{m}
14162	9.3	2.9723	+0.0152	+19.863	+0.051	28°4601
72.10.22	3	23 28 22.010	28 30 37.36			
72.11. 7	3	21.753	37.29			
73.10.23	3	21.724	35.63			
77.11.23	3	21.896	38.73			
81.12. 8	3	21.893	36.41			
14163	8.8	2.9666	+0.0161	+19.866	+0.051	29°4962
73.11.12	3	23 28 34.249	30 2 7.32			
73.11.29	3	34.076	6.82			
76.10.18	3	34.106	7.12			
85.11.16	5	34.174	7.11			
14164	9.3	2.9829	+0.0138	+19.866	+0.051	25°4968
90.11.10	6	23 28 34.798	26 4 35.31			†
14165	8.6	2.9698	+0.0157	+19.867	+0.051	29°4963
73.10.13	2	23 28 39.299	29 20 18.91			
74.11. 5	3	39.032	19.72			+ 1 int.
83.10.20	5	39.317	18.56			
87.11.19	7	39.169	18.89			
14166	9.2	2.9824	+0.0140	+19.869	+0.050	26°4653
73.11.15	3	23 28 50.096	26 23 33.68			
75.10.12	3	50.209	34.43			
87.11.30	7	50.462	34.26			
14167	9.2	2.9704	+0.0158	+19.872	+0.050	29°4964
75.11.25	3	23 29 2.371	29 29 34.45			†
14168	9.3	2.9872	+0.0134	+19.872	+0.050	25°4969
72.12. 7	3	23 29 2.627	25 16 25.82			
73.11. 3	3	2.838	26.90			
76.10.10	3	2.819	25.27			
78.11.29	3	2.998	24.86			
14169	9.5	2.9844	+0.0138	+19.872	+0.050	— —
73.11.22	3	23 29 6.510	26 3 1.83			†
14170	8.7	2.9799	+0.0146	+19.874	+0.049	27°4578
73.10. 8	3	23 29 15.321	27 19 47.04			
73.10.20	2	15.462	46.40			
73.11. 5	3	15.348	46.30			
74.10.22	3	15.364	45.63			− 1 int.
14171	9.3	2.9716	+0.0158	+19.875	+0.049	29°4966
73.11.12	3	23 29 22.033	29 27 54.06			
73.11.29	2	21.965	54.27			
80.11.27	3	22.219	54.66			
14172	9.5	2.9895	+0.0133	+19.878	+0.049	25°4973
73.11. 3	3	23 29 37.538	25 6 6.70			†
14173	7.3	2.9818	+0.0146	+19.879	+0.049	27°4579
72.10.25	3	23 29 41.777	27 10 25.52			
73.11. 5	1	41.748	25.71			
74.10.22	2	41.793	25.11			
86.11.18	7	41.720	24.57			

14174	$9^{\mathrm{m}}.0$	$2^{\mathrm{s}}.9830$	$+0^{\mathrm{s}}.0145$	$+19''.881$	$+0''.048$	26°4660
73.10.14	3	$23^{\mathrm{h}}29^{\mathrm{m}}53^{\mathrm{s}}.670$	$26^{\circ}59'44''.21$			
73.10.16	3	53.652	44.57			
73.11.15	3	53.724	43.83			
79.11.29	3	53.762	43.93			
80.11.19	3	53.801	41.48			
14175	9.5	2.9772	+0.0154	+19.882	+0.048	28°4604
81.11.19	3	23 29 56.216	28 31 37.35			
81.11.23	2	56.471	38.13			
14176	8.5	2.9789	+0.0152	+19.884	+0.048	28°4605
72.10.22	3	23 30 4.980	28 12 26.25			− 15′ c. d. f.
72.11. 7	3	4.690	26.71			§ c. d. m.
72.11.21	3	4.642	26.80			§
73.10.23	3	4.827	24.92			c. d. f.
77.11.23	3	4.780	27.26			Z.C. $\alpha\,4^{\mathrm{s}}.90$
86.11.25	7	5.005	26.81			Z.C. $\delta\,26''.3$
14177	9.5	2.9794	+0.0152	+19.884	+0.048	— —
81.11.15	3	23 30 8.042	28 7 2.35			†
14178	8.0	2.9893	+0.0137	+19.885	+0.048	25°4975
72.10. 8	3	23 30 12.945	25 34 35.50			Z.C. $\delta\,35''.2$
72.12. 4	3	12.830	35.92			
72.12. 7	3	12.776	35.01			
73.11.22	3	12.797	35.91			
76.10.10	3	12.804	34.40			
77.11. 5	3	12.766	34.65			
77.11.13	3	12.783	34.73			
77.11.16	3	12.768	35.69			
14179	8.8	2.9883	+0.0141	+19.890	+0.047	26°4663
73.10.14	3	23 30 39.085	26 12 60.22			
73.10.16	3	38.917	60.36			
73.11.15	2	38.874	59.66			
75.10.12	3	38.928	60.35			
85.11.16	7	38.919	59.92			
14180	7.7	2.9744	+0.0163	+19.892	+0.046	29°4971
72.10.16	3	23 30 51.669	29 59 0.57			
73.10.13	3	51.656	0.91			−1′
73.11.12	3	51.902	1.19			
73.11.29	3	51.622	0.43			
75.11.25	3	51.901	0.95			
76.10.18	3	51.732	1.63			
86.11.22	7	51.803	1.29			
14181	9.0	2.9836	+0.0150	+19.893	+0.046	27°4582
72.10.25	3	23 30 56.634	27 39 56.83			
73.10. 8	3	56.652	56.38			
73.10.20	3	56.602	56.83			
73.11. 5	2	56.525	57.38			
74.10.22	2	56.670	58.08			
77.11.22	3	56.436	56.54			
14182	9.3	2.9804	+0.0154	+19.893	+0.046	28°4607
81.11.19	3	23 30 57.237	28 31 56.33			
81.12. 8	3	57.602	56.34			
14183	9.0	2.9918	+0.0137	+19.894	+0.046	25°4976
72.10. 8	2	23 31 1.179	25 30 4.83			
72.12. 4	3	1.001	3.48			
73.11.22	2	0.725	3.23			
77.11. 5	2	0.923	2.01			
87.11.16	7	0.685	2.73			

14184	8^{m}9	2^{s}9774	+0^{s}0159	+19″894	+0″046	29°4972
73.10.13	2	23^{h}31^m 1^{s}053		29° 20′ 20″94		
73.11.12	1	1.173		20.73		
87.11.30	5	1.133		20.19		
14185	8.3	2.9934	+0.0134	+19.894	+0.046	24°4803
73.11. 3	3	23 31 2.356		25 4 45.36		
84.10.28	5	2.226		43.66		
84.10.29	5	2.275		44.27		
86.11. 2	7	2.362		44.63		
14186	9.5	2.9822	+0.0153	+19.896	+0.046	28°4609
72.10.22	3	23 31 14.253		28 18 2.06		†
14187	9.0	2.9893	+0.0146	+19.904	+0.045	26°4667
73.10.14	3	23 31 54.123		26 53 45.41		
73.10.16	3	54.064		45.05		
73.11.15	3	54.270		45.70		
74.11.19	3	54.109		45.79		
14188	9.4	2.9962	+0.0136	+19.906	+0.045	25°4978
72.12. 4	3	23 32 9.342		25 9 24.81		
73.11. 3	3	9.315		25.52		
77.11.13	3	9.549		26.96		ex. ft.
78.11.29	3	9.232		23.46		
14189	8.5	2.9911	+0.0146	+19.909	+0.044	26°4668
73.10.14	3	23 32 22.985		26 48 2.53		
73.10.27	3	23.089		2.75		
74.10. 5	3	23.045		2.88		
87.12. 2	7	23.033		2.90		
14190	8.0	2.9969	+0.0137	+19.910	+0.044	25°4980
72.10. 8	3	23 32 32.599		25 15 15.57		
73.11. 3	2	32.274		15.82		w. 7−1^s
73.11.22	3	32.292		16.57		
77.11.16	3	32.284		16.35		
14191	8.8	2.9827	+0.0161	+19.912	+0.043	29°4974
72.10.16	3	23 32 39.758		29 22 8.52		
73.10. 7	3	39.713		8.60		
73.10.13	2	39.956		7.44		
73.11.12	3	39.893		8.83		
73.11.29	3	39.839		8.53		
75.11.25	3	39.924		9.23		
14192	9.3	2.9940	+0.0143	+19.912	+0.044	26°4669
73.10.16	3	23 32 39.990		26 10 45.49		
73.10.27	3	39.972		46.66		
73.11.15	1	39.950		45.98		
14193	9.5	2.9867	+0.0155	+19.913	+0.043	28°4613
72.10.22	3	23 32 46.050		28 21 42.82		
72.11. 7	3	45.695		42.53		
73.10.23	3	45.597		41.20		
77.11.23	3	45.747		43.59		
77.12. 8	3	45.813		46.34		
78.11.18	3	45.824		42.39		
14194	8.9	2.9806	+0.0166	+19.914	+0.043	30°4996
73.10.13	1	23 32 55.160		30 10 37.76		Z.C. δ 37″9
73.11.12	1	55.521		38.22		
74.11. 3	3	55.338		37.19		
74.11. 5	3	55.016		38.10		
75.11.25	3	55.424		38.13		
14195	6^{m}8	2^{s}9909	+0^{s}0150	+19″917	+0″043	27°4588
72.10.25	3	23^{h}33^{m}13^{s}064		27° 32′ 45″76		
73.10. 8	3	13.108		45.65		
73.10.20	3	13.145		45.73		
73.11. 5	3	13.013		45.78		
77.11. 1	3	13.275		45.49		
77.11.22	3	13.011		46.34		
85.11.16	7	13.304		49.07		
14196	9.1	2.9923	+0.0149	+19.920	+0.042	27°4589
84.10.28	5	23 33 25.327		27 19 54.30		
84.10.29	5	25.077		55.41		
84.11.29	7	25.460		54.18		
14197	9.5	2.9898	+0.0154	+19.920	+0.042	— —
77.11.22	2	23 33 26.899		28 4 4.23		† Z.C. δ 4″2
14198	9.1	2.9959	+0.0145	+19.921	+0.042	26°4670
84.11.21	7	23 33 36.176		26 25 26.22		
84.11.28	2	36.465		26.31		v. ft.
85.12. 7	7	36.399		25.01		
14199	9.4	2.9838	+0.0166	+19.922	+0.042	29°4976
73.11.29	3	23 33 38.997		29 59 16.77		
81.11.15	3	39.258		17.24		
81.11.19	3	39.136		16.46		
81.12. 8	3	38.996		15.89		
14200	9.0	2.9991	+0.0140	+19.923	+0.042	25°4982
72.12. 4	3	23 33 43.791		25 33 53.42		Z.C. δ 53″6
73.11.22	3	43.730		54.24		
77.11.13	3	43.700		54.00		
77.11.16	3	43.715		52.86		ft.
14201	6.3	2.9950	+0.0147	+19.923	+0.041	26°4671
73.10.14	3	23 33 45.206		26 49 17.56		
74.10. 5	3	45.084		17.38		
87.11.30	7	45.065		18.56		
90.11.10	5	45.072		16.27		
14202	8.5	2.9966	+0.0144	+19.923	+0.041	26°4672
73.10.27	2	23 33 45.491		26 19 40.82		
74.11.19	3	45.508		42.14		
78.10.29	3	45.407		43.79		
14203	7.5	2.9974	+0.0143	+19.923	+0.041	26°4673
74.10. 5	1	23 33 46.384		26 6 30.37		
74.11.19	2	46.315		28.64		
78.11.29	3	46.175		28.71		
14204	9.5	2.9914	+0.0155	+19.926	+0.041	— —
73.10.23	3	23 34 3.768		28 9 18.05		†
14205	8.3	2.9957	+0.0150	+19.929	+0.040	27°4593
72.10.25	3	23 34 25.321		27 11 58.80		w. 2.3−10^s
73.10. 8	3	25.403		58.53		
73.11. 5	3	25.274		59.28		
74.10.22	3	25.320		59.05		
14206	8.1	3.0026	+0.0138	+19.930	+0.040	24°4813
84.10.31	7	23 34 26.603		25 5 44.89		
84 11.10	7	26.530		46.71		
84.11.20	7	26.538		45.59		

14207 9^{m}0 2^{s}9944 +0^{s}0155 +19″934 +0″039 27°4594

72.10.22	3	23^{h}34^{m}55^{s}941	28° 5′ 22″77	
72.10.25	3	56.033	23.41	
72.11. 7	3	55.962	22.01	
73.10. 8	3	55.978	23.01	
73.10.20	3	55.893	21.82	
74.10.22	3	55.738	23.95	
77.11. 1	3	55.995	21.08	
77.11.22	2	55.790	22.97	

14208 9.5 2.9891 +0.0166 +19.935 +0.039 29°4977

81.11.19	3	23 35 2.747	29 48 1.76	
81.11.23	3	3.043	2.22	
81.12. 8	3	2.863	1.26	

14209 9.5 3.0048 +0.0139 +19.938 +0.038 25°4984

72.12. 4	3	23 35 22.043	25 11 52.04	†

14210 9.5 2.9907 +0.0165 +19.939 +0.038 29°4978

81.11 15	3	23 35 25.413	29 40 34.53	
81.11.19	3	25.490	33.42	

14211 9.3 2.9983 +0.0152 +19.939 +0.038 27°4597

73.10.20	3	23 35 27.308	27 21 10.74	
73.11. 5	3	27.263	12.48	+ 1^{m}
74.10.22	1	27.207	12.36	
78.11.18	3	27.269	12.32	

14212 9.0 2.9965 +0.0155 +19.940 +0.038 27°4598

74 12.10	3	23 35 30.093	27 57 30.46	− 1′
79.11.21	3	30.087	28.92	
80.11.19	3	30.040	29.49	

14213 8.3 3.0060 +0.0139 +19.942 +0.037 25°4987

72.10. 8	2	23 35 47.024	25 11 34.75	§
73.11. 3	3	46.763	34.18	Z.C. δ 34″5
73.11.22	3	46.736	34.78	
73 11.22	2	46.766	35.98	
77.11.13	3	46.738	34.69	
77.11.16	3	46.832	33.37	
78.11.29	3	46.656	34.10	

14214 8.9 3.0068 +0.0138 +19.943 +0.037 24°4815

84.10.28	5	23 35 50.374	24 56 53.60	
84.10.29	5	50.280	54.48	
85.12.10	5	50.557	54.05	

14215 8.6 2.9993 +0.0154 +19.945 +0.037 27°4600

73.10. 8	3	23 36 2.684	27 37 14.02	
73.11. 5	3	2.562	13.57	
77.11. 1	3	2.875	13.55	− 1 int.
77 11.22	3	2.547	14.44	

14216 9.0 2.9979 +0.0157 +19.946 +0.037 28°4616

72.10.22	3	23 36 7.986	28 8 12.86	
72.11. 7	3	8.085	13.30	
72.11.21	3	7.762	13.24	
73.10.23	3	8.099	12.61	
77.11.23	3	7.976	14.27	

14217 8^{m}7 2^{s}9984 +0^{s}0156 +19″946 +0″037 27°4601

72.10.25	3	23^{h}36^{m}10^{s}579	28° 1′ 43″81	
74.12.10	3	10.790	43.00	
79.11.11	3	10.598	42.61	
79.11.17	3	10.669	42.30	
79.11.18	3	10.643	43.12	
79.11.19	3	10.835	41.76	
79.12. 1	3	10.696	43.14	
80.10.29	3	10.691	42.89	
80.11.19	3	10.766	42.49	
82.10.20	3	10.522	44.11	

14218 8.8 2.9913 +0.0170 +19.946 +0.037 30°5006

92.10.22	7	23 36 11.419	30 16 53.24	
92.10.25	7	11.406	53 74	

14219 9.5 2.9988 +0.0157 +19.948 +0.036 28°4617

72.10.22	3	23 36 24.647	28 6 45.19	
90.12. 6	5	24.831	47.74	

14220 9.0 2.9970 +0.0162 +19.949 +0.036 28°4618

73.10.23	3	23 36 31.266	28 50 2.73	Z.C. δ 4″2
73.11.11	3	31.299	3.48	
77.12. 8	3	31.388	6.34	

14221 9.4 2.9991 +0.0157 +19.949 +0.036 28°4619

72.11. 7	3	23 36 32.366	28 8 44.59	
87.11.30	7	32.431	46.17	

14222 9.2 2.9982 +0.0160 +19.950 +0.036 28°4620

83.10 12	4	23 36 38.502	28 33 38.49	†

14223 8.8 3.0003 +0.0156 +19.951 +0.036 27°4603

73.11. 5	2	23 36 43.679	27 56 57.18	Z.C. δ 56″4
77.11.22	2	43.689	56.85	
79.11.21	3	43.794	55.21	

14224 9.2 3.0032 +0.0152 +19.952 +0.035 27°4605

73.10. 8	2	23 36 51.479	27 7 45.58	
73.10.20	3	51.440	44.87	
77.11. 1	3	51.396	44.17	
77.11.20	3	51.407	44.68	

14225 9.5 2.9959 +0.0167 +19.952 +0.035 29°4979

81.11.15	3	23 36 53 691	29 36 17.42	
81.11 19	2	53.689	17.25	
81.12. 3	3	53.714	17.10	
81.12. 8	3	53.782	17.40	

14226 9.5 2.9974 +0.0164 +19.954 +0.035 29°4980

81.11.23	3	23 37 2.491	29 14 15.70	†

14227 9.5 3.0010 +0.0158 +19.955 +0.035 28°4622

72.11.21	3	23 37 9.303	28 8 33.42	
73.11.11	3	9.082	32.83	

14228 9.1 2.9962 +0.0169 +19.956 +0.034 29°4981

84.11.21	6	23 37 17.403	29 54 23.77	
84.11.29	5	17.748	24.05	
86.11. 2	5	17.561	24.22	

14229 9.0 3.0005 +0.0161 +19.957 +0.034 28°4623

77.11.23	3	23 37 24.146	28 35 28.93	
77.12. 8	3	24.219	28.58	
78.11.18	3	24.009	29.11	

14230	$9^{m}4$	$3^{s}0054$	$+0^{s}0151$	$+19''957$	$+0''034$	— —
74.10. 5	3	$23^{h}37^{m}24^{s}502$	26° 56′ 16″85			†
14231	8.7	3.0031	+0.0156	+19.957	+0.034	27°4606
72.10 25	2	23 37 26.456	27 45 8.42			
74.10.22	3	26.522	8.56			
14232	8.7	2.9965	+0.0170	+19 958	+0.034	29°4982
73.10 7	3	23 37 30.399	30 2 9.34			
73.10.13	3	30.320	7.29			
73.11.29	3	30.239	8.43			
74.11. 5	3	30.208	7.62			
75.11.25	3	30.407	7.72			
84.10 31	5	30.347	7.15			
84.11.10	7	30 286	7.71			
84 11.20	6	30.374	6.57			
86.11.18	7	30.349	6.23			
14233	9.3	3.0039	+0.0155	+19.958	+0.034	27°4607
73.10.20	2	23 37 31.349	27 33 51.58			Z.C.δ 51″6
74.12.10	3	31.237	50.93			
77.11.20	2	31.301	52.17			
14234	8.5	3.0021	+0.0159	+19.958	+0.034	28°4624
72.11. 7	2	23 37 31.777	28 11 16.06			
72 11.21	3	31.763	15.83			
73.10.23	2	31.770	15.63			
14235	9.2	3.0101	+0.0142	+19.958	+0.034	25°4991
72.10. 8	3	23 37 33.100	25 24 49.62			Z.C.δ 50″1
72.12. 4	3	32.811	50.57			
72.12. 7	2	32.967	51.22			
73.11. 3	3	32.940	49.87			– 1′
73 11.22	3	32.861	50.14			
77.11.13	3	32.945	49.79			
77.11.16	3	33.027	49.74			ft.
78.11.29	3	32.906	49.82			
14236	9.4	2.9997	+0.0164	+19.958	+0.034	28°4625
72 10.22	3	23 37 35 391	29 2 57.37			
78.11.18	2	35.334	56.02			
80.10.29	3	35.494	56.64			
14237	9.0	3.0057	+0.0152	+19.958	+0.034	26°4678
73.10.14	3	23 37 35.580	27 0 57.30			
73.10.16	3	35.631	60.79			
73.11.15	3	35.672	58.51			
74.11.19	3	35.642	58.10			
14238	9.1	2.9970	+0.0170	+19.959	+0.034	29°4983
73.10.13	3	23 37 36.500	29 59 37.98			
73.10.28	3	36.856	39.12			
73.11.29	3	36.489	37.38			clds.
74.11. 5	3	36.708	36.68			
85.11.16	7	36.698	37.42			s.p. of 2
85.12. 7	5	36.873	38.01			
87.11.15	5	36.666	37.43			– 5′
87 11 16	7	36.855	38.30			
87.11.19	5	36.524	34.86			ex. ft.
14239	5.2	3 0013	+0.0162	+19.959	+0 034	28°4627
78.12. 9	3	23 37 42.356	28 40 7.14			
80.11.27	3	42.397	7.71			
83.10.20	4	42.451	8.00			
84.10.28	3	42.286	7.61			

14240	$8^{m}5$	$3^{s}0015$	$+0^{s}0161$	$+19''960$	$+0''034$	28°4628
73.11.11	3	$23^{h}37^{m}44^{s}131$	28° 36′ 7″09			Z.C δ 8″8
77.11.23	3	44.084	9.58			
80.10.29	3	43.960	8.96			
83.10.20	1	44.369	8.59			
84.10.29	7	44.070	9.89			
14241	8.5	3.0073	+0.0151	+19.962	+0.033	26°4679
73.10.14	3	23 38 0.311	26 52 54.48			
73.10.16	3	0.213	54.88			
73 11.15	3	0.131	54.08			
75.10.12	3	0.059	55.14			
85.11.17	7	0.251	55.11			
85.12.10	7	0 234	53.92			
86.11.16	7	0.260	56.49			
86.11.17	7	0.220	54.28			
14242	9.1	3.0111	+0.0145	+19.964	+0.033	25°4993
86.11.22	7	23 38 14.067	25 43 33.30			†
14243	8.3	3.0019	+0.0165	+19.964	+0.032	28°4630
77.12. 8	2	23 38 17.050	29 4 39.33			Z.C.δ 37″5
78.12. 9	3	17.057	36.24			
80.11.19	3	16.940	36.99			
14244	9.1	3.0044	+0.0160	+19.965	+0.032	28°4631
78.10.28	3	23 38 19.484	28 13 55.81			
80.10.29	1	19.611	54.65			
14245	9.4	3.0047	+0.0159	+19.965	+0.032	28°4632
73.10.23	1	23 38 21.721	28 10 13.37			§
92.11. 3	4	21.544	15.76			Z.C.α 21^{s}41
93.10.31	7	21.272	13.82			v. ft.
14246	9.4	3.0017	+0.0168	+19.967	+0.032	29°4986
81.12. 3	3	23 38 35.988	29 31 39.04			
81.12. 8	3	35.775	38.22			
14247	8.9	3.0055	+0.0160	+19.967	+0.032	28°4633
72.11.21	3	23 38 36.335	28 9 19.47			Z.C.δ 19″9
73.11.11	2	36.321	20.03			
78.11. 1	3	36.142	19.94			
80.11.27	2	36.170	19.62			
82.10.20	3	36.109	18.83			
83.10.12	1	36.518	21.43			bad
14248	9.4	3.0020	+0.0168	+19.967	+0.032	— —
81.12 8	2	23 38 41.005	29 31 29.26			†

Observations made during revision give α 0^{s}9 less: Oxford photographs give α 0^{s}6 less

14249	9.4	3.0028	+0.0166	+19.967	+0.032	29°4987
81.11.15	3	23 38 41.176	29 12 54.77			
81.11.23	3	41.357	54.91			
14250	8.6	3.0040	+0.0164	+19.968	+0.032	28°4634
72.10.22	2	23 38 44 077	28 52 4.91			Z.C. δ 4″2
72.11. 7	2	44.043	3.72			
77.11.23	2	44.521	4.00			
80.11.19	2	44.642	4.10			
14251	9.0	3.0010	+0.0172	+19.970	+0.031	30°5015
73.10 7	3	23 38 58.272	30 10 52.78			
73.10.13	2	58 212	52.49			
73.11.29	2	58.146	52.09			
86.11. 2	5	58.085	51.82			

14252 $9^m.0$ $3^s.0147$ $+0^s.0143$ $+19''.971$ $+0''.032$ 25°4996

72.10. 8	3	$23^h 39^m 8^s.058$	$25° 18' 39''.86$	Z.C.δ $39''.9$
73.11. 3	3	8.009	40.15	
73.11.22	3	7.819	39.88	
77.11.13	3	7.936	39.70	

14253 8.8 3.0157 +0.0141 +19.971 +0.032 24°4827

84.11.29	5	23 39 10.279	24 58 40.34	
85.12. 7	5	10.011	41.47	

14254 9.0 3.0150 +0.0144 +19.973 +0.031 25°4997

72.12. 4	3	23 39 22.053	25 26 18.42	
77.11.16	3	22.000	18.29	
79.11.21	3	22.192	17.80	

14255 7.7 3.0149 +0.0145 +19.974 +0.031 25°4998

72.10. 8	3	23 39 28.576	25 38 34.52	
73.11. 3	3	28.599	32.49	
73 11.22	2	28.589	33.77	

14256 7.9 3.0102 +0.0156 +19.974 +0.031 27°4614

72.10.25	3	23 39 31.127	27 29 2.91	
73.10. 8	3	31.403	2.74	
73.11. 5	3	31.178	3.20	
77.11. 1	3	31.364	1.84	− 5′
77.11.20	3	31.240	3.07	

14257 8.8 3.0038 +0.0171 +19.975 +0.030 29°4989

73.10.28	3	23 39 36.176	29 57 14.53	
73.11.12	3	36.368	12.04	
74.11. 3	2	36.304	10.99	ex. ft. − 1^m
74.11. 5	3	36.261	10.85	
75.11.25	3	36.238	11.49	
84.10.31	3	36 255	10.39	clds.
84 11.10	7	36.303	11.16	
84 11.20	6	36.309	10.11	

14258 9.0 3.0071 +0.0167 +19.978 +0.030 29°4993

73.10.13	2	23 40 0.950	29 14 43.08	
73.11.12	3	1.329	44.55	
75.11.25	3	1.169	44.13	
75.12.23	3	1.226	43.45	
84.10.28	4	1.015	42.95	
84.10.29	6	1.282	42.77	ft.: bad
84.11.21	7	1.216	43.32	

14259 9.5 3.0073 +0.0167 +19.978 +0.030 29°4994

75.12.23	2	23 40 3.996	29 12 48.14	†

14260 9.0 3.0159 +0.0148 +19.979 +0.030 25°5000

72.12. 4	3	23 40 7.832	25 58 18.63	
78.11.29	3	7.834	18.45	
79 11.11	3	7.793	19.76	
79.11.18	3	7.901	18.63	
79.12 1	3	7.868	19.19	
80.10.29	3	7.932	18.55	
80.11.27	3	7.998	18.58	

14261 7.0 3.0107 +0.0160 +19.979 +0.030 27°4617

72.10.25	3	23 40 8.123	28 0 34.31	
73.10.20	3	8.109	33.32	
73.11. 5	3	8.008	34.87	

14262 $9^m.2$ $3^s.0160$ $+0^s.0148$ $+19''.979$ $+0''.030$ — —

79.11.11	3	$23^h 40^m 11^s.241$	$25° 57' 47''.97$	
79.12. 1	2	11.076	48.29	

14263 9.0 3.0122 +0.0157 +19.980 +0.030 27°4618

73.10. 8	3	23 40 13.893	27 31 22.90	Z.C.δ $22''.6$
74.10.22	3	13.854	23.35	Z.C. Ep. 75.3
74.12.10	3	13.881	21.96	
77.11.20	3	13.735	22.14	

14264 8.8 3.0174 +0.0146 +19.981 +0.029 25°5001

72.12. 7	3	23 40 22.047	25 38 3.32	
92.10.22	7	22.319	2.05	

14265 8.8 3.0107 +0.0162 +19.981 +0.029 28°4638

72.10.22	2	23 40 23.952	28 18 37.42	
72.11. 7	3	23.943	38.12	
72.11.21	3	23.948	38.34	
73.10.23	3	23.821	36.06	
73.11.11	3	23.869	37.30	
77.12. 8	3	23.879	40.37	

14266 9.5 3.0143 +0.0154 +19.981 +0.029 26°4683

74.11.10	3	23 40 24.956	26 54 60.57	
93.10.30	7	25.081	58.36	

14267 7.5 3.0128 +0.0159 +19.982 +0.029 27°4619

72.10.25	1	23 40 34.718	27 43 34.24	
77.11. 1	3	34.481	33.00	

14268 8.5 3.0162 +0.0152 +19.983 +0.029 26°4685

73.10.14	3	23 40 40.867	26 29 37.91	
73.11.15	3	40.518	37.72	
73.11.15	2	40.718	38.89	
74.11.19	3	40.713	38.09	
75.10.12	3	40.882	39.70	

14269 9.0 3.0193 +0.0144 +19.983 +0.029 25°5002

72.10. 8	2	23 40 41.117	25 11 4.08	
73.11. 3	3	41.069	3.54	
87.11.30	7	40.983	3.74	

14270 9.5 3.0109 +0.0165 +19.983 +0.029 28°4639

81 11 15	3	23 40 44.816	28 40 48.13	†

14271 9.1 3 0181 +0.0148 +19.984 +0.028 25°5003

78.10.29	3	23 40 50.431	25 52 21.53	†

14272 9.0 3.0081 +0.0173 +19.985 +0.028 29°4996

73.10. 7	3	23 40 56.609	30 1 61.00	
73.10.13	1	56.536	59.67	
73.11.12	3	56.637	61.95	
73.11.29	2	56.592	59.88	clds. + 1′
78.12. 9	3	56.624	59.16	
85.11.16	5	56.511	59.55	
85.12. 7	5	56.673	59.68	
86.11.22	7	56.669	59.43	

14273 8.7 3.0195 +0.0146 +19.986 +0.028 25°5004

72.12. 4	3	23 41 4.033	25 32 3.24	
72.12. 7	3	4.097	2.21	
80.11.19	3	4.092	1.95	

14274 $7^{\mathrm{m}}.5$ $3^{\mathrm{s}}.0198$ $+0^{\mathrm{s}}.0146$ $+19''.986$ $+0''.028$ 25°5005

79.11.18	3	$23^{\mathrm{h}}41^{\mathrm{m}}\,4^{\mathrm{s}}.785$	$25^{\circ}\,26'\,13''.68$	− 1 int.
79.11.21	3	4.834	14.11	Z.C. δ 13″.8
79.11.29	3	4.797	13.73	
80 11 27	2	4.794	13.64	

14275 9.1 3.0196 +0.0147 +19.986 +0.028 25°5006

77.11.16	3	23 41 8.384	25 35 9.52	v. ft.
84.11.29	4	8.796	10.17	
86.11. 2	5	8.291	9.29	
86.11.25	7	8.460	9.63	

14276 7.0 3.0215 +0.0142 +19.987 +0.028 24°4834

84.10.31	4	23 41 10.627	24 53 7.67	
84 11.10	5	10.581	8.29	
84.11.20	5	10.771	6.98	

14277 9.4 3.0165 +0.0155 +19.987 +0.028 26°4686

74.10. 5	3	23 41 11.759	26 57 55.26	
90.12. 6	5	12.138	58.72	

14278 9.3 3.0117 +0.0168 +19.987 +0.027 28°4640

81.12. 7	3	23 41 17.063	29 3 45.30	†

14279 8.5 3.0181 +0.0152 +19.988 +0.027 26°4687

73.10.14	3	23 41 19.769	26 29 7.27	
73.10.16	3	19.718	8.33	
73.10.16	1	19.728	8.17	
75.10.12	3	19.682	8.25	

14280 9.5 3.0173 +0.0155 +19.988 +0.027 26°4689

73.10.27	3	23 41 25.599	26 55 25.77	
74.11.10	3	25.753	27.28	
74.11.19	3	25.762	24.86	v. ft.

14281 8.0 3.0155 +0.0160 +19.989 +0.027 27°4621

73.10. 8	3	23 41 27.816	27 42 45.32	
73.10.20	3	28.002	44.32	
73.11. 5	3	27.998	46.03	
74.10.22	3	27.912	46.86	
74.12.10	3	27.886	45.03	
77.11.20	3	28.103	45.47	

14282 8.8 3.0157 +0.0161 +19.990 +0.027 27°4622

74.12.10	3	23 41 40.677	27 55 16.23	Z.C. δ 15″.9
77.11.22	3	40.741	16.45	
78.10.28	3	40.726	16.07	
81.12. 8	3	40.814	14.94	

14283 9.1 3.0172 +0.0157 +19.990 +0.027 27°4623

85.11.17	7	23 41 43.489	27 18 35.36	
86.11.18	7	43.431	35.16	

14284 9.1 3.0134 +0.0169 +19.991 +0.026 29°5000

85.12.10	7	23 41 52.809	29 10 15.50	
86.11.29	7	52.728	16.16	
86.12. 1	7	52.832	17.34	§

14285 7.8 3.0185 +0.0156 +19.992 +0.026 26°4691

74.10. 5	3	23 41 53.858	27 1 27.76	
74.11.10	2	53.830	28.82	

14286 $9^{\mathrm{m}}.0$ $3^{\mathrm{s}}.0158$ $+0^{\mathrm{s}}.0163$ $+19''.992$ $+0''.026$ 28°4643

72.10.22	3	$23^{\mathrm{h}}41^{\mathrm{m}}54^{\mathrm{s}}.537$	$28^{\circ}\,8'\,26''.59$	
72.11. 7	3	54.620	24.80	
72.11.21	3	54.610	26.71	
73.10.23	3	54.473	24.40	
73.11.11	3	54.488	25.18	
77.11.23	3	54.663	27.02	

14287 9.5 3.0173 +0.0159 +19.992 +0.026 27°4624

77.11.22	3	23 41 54.855	27 33 40.98	Z.C. δ 41″.1
78.11. 1	2	55.111	40.26	
78.11.18	3	55.116	42.08	

14288 8.7 3.0206 +0.0152 +19.994 +0.026 26°4692

73.10.27	2	23 42 10.971	26 26 34.79	
73.11.15	3	10.944	36.07	
78.11.29	3	10.853	35.71	

14289 8.6 3.0128 +0.0173 +19.994 +0.026 29°5002

73.10. 7	2	23 42 12.503	29 49 59.30	
73.10 13	2	12.641	58.86	
73.11.12	3	12.716	58.21	
74.11. 3	3	12.594	57.72	
75.11.25	3	12.508	58.39	
75.12.23	3	12.667	58.63	
78.12. 9	3	12.669	57.22	
85.11.18	5	12.553	59.69	
87.11.15	7	12.517	59.03	

14290 6.8 3.0240 +0.0143 +19.994 +0.026 24°4836

86.11.16	7	23 42 13.464	24 57 38.57	
86.11.17	7	13.361	35.28	− 5′

14291 9.0 3.0220 +0.0149 +19.994 +0.025 25°5009

72.12. 4	3	23 42 15.393	25 52 52.11	
72.12. 7	3	15.647	51.90	
73.11.22	3	15.502	52.78	

14292 7.5 3.0182 +0.0160 +19.994 +0.025 27°4625

73.10. 8	3	23 42 16.418	27 40 36.21	
73.10.20	2	16.763	35.25	
73.11. 5	2	16.519	34.91	
77.11. 1	3	16.573	34.29	

14293 9.3 3.0145 +0.0170 +19.995 +0.025 29°5003

73.11.29	3	23 42 21.618	29 20 30.46	†

14294 9.1 3.0191 +0.0158 +19.995 +0.025 27°4626

87.11.16	7	23 42 23.048	27 21 10.12	
87.11.19	7	23.198	9.15	

14295 8.9 3.0236 +0.0147 +19.997 +0.025 25°5012

72.10. 8	3	23 42 37.401	25 37 13.89	
73.11. 3	3	37.206	14.67	
77.11.16	3	37.110	14.41	
79.11.11	3	37.135	13.96	
79.11.18	3	37.171	13.96	
80.10.29	3	37.183	13.31	
80.11.19	3	37.041	12.83	

14296 9.0 3.0174 +0.0166 +19.997 +0.025 28°4645

72.10 22	3	23 42 39.359	28 28 19.75	
72.11. 7	3	39.119	18.58	
72.11.21	3	39.340	20.05	
73.11.11	3	39.416	18.45	

14297	$9^{\mathrm{m}}3$	$3^{\mathrm{s}}0188$ $+0^{\mathrm{s}}0162$	$+19''997$ $+0''025$	$27^{\circ}4627$
81.12. 7	3	$23^{\mathrm{h}}42^{\mathrm{m}}41^{\mathrm{s}}800$	$27^{\circ}57'25''61$	
81.12. 8	3	41.904	26.02	
14298	9.0	3.0247 +0.0146	+19.998 +0.024	$25^{\circ}5014$
77.11.13	3	23 42 47.623	25 22 5.25	
78.10.29	3	47.375	7.16	
79.11.17	3	47.542	5.02	
79.11.21	3	47.553	5.95	
79.11.29	1	47.798	5.09	clds.
80.11.19	2	47.419	5.97	
14299	8.7	3.0218 +0.0156	+19.999 +0.024	$26^{\circ}4694$
73.11.15	1	23 42 58.694	26 59 11.04	
74.11.10	2	58.787	12.68	
78.11.29	1	58.534	12.01	
14300	8.6	3.0173 +0.0169	+19.999 +0.024	$28^{\circ}4646$
73 10.23	2	23 42 58.851	29 1 9.54	Z.C. $\delta 11''0$
73.11.11	2	58.775	9.12	
77.12. 8	3	58.947	12.61	
78.11. 1	3	58.915	12.86	
14301	7.5	3.0233 +0.0152	+19.999 +0.024	$26^{\circ}4695$
73.10.14	3	23 43 1.381	26 20 23.10	
73.10.16	1	1.781	22.28	§
74.11.19	3	1.361	22.50	
14302	8.8	3.0177 +0.0169	+20.000 +0.024	$28^{\circ}4647$
73.10.23	2	23 43 7.930	29 1 25.45	Z.C. $\delta 27''0$
77.12. 8	3	7.888	28.54	
14303	8.6	3.0263 +0.0145	+20.000 +0.024	$24^{\circ}4843$
84.11.21	7	23 43 8.681	25 4 26.00	
84.11.29	6	8.848	25.97	
85.12. 7	5	8.707	26.59	
14304	6.2	3.0203 +0.0164	+20.001 +0.023	$28^{\circ}4649$
72.10.22	2	23 43 20.094	28 8 47.44	
72.11. 7	2	20.153	45.91	
78 11.18	3	20.181	47.35	
14305	8.9	3.0196 +0.0166	+20.001 +0.023	$28^{\circ}4648$
72.11.21	3	23 43 21.891	28 32 31.82	
77.11.23	3	21.981	32.39	
78.10 28	3	21.961	32.96	
78.11. 1	1	22.010	31.55	
14306	9.4	3.0237 +0.0154	+20.001 +0.023	$26^{\circ}4697$
73.10.27	2	23 43 22.940	26 38 20.70	
75.10.12	3	22.924	25.02	
79.11.11	3	22.950	22.25	
79.11.21	2	23.183	22.99	
79.12. 1	3	23.153	22.35	
14307	7.1	3.0233 +0.0156	+20.002 +0.023	$26^{\circ}4698$
74.10. 5	3	23 43 30.968	26 59 9.52	
92.10.22	7	30.980	8.14	
14308	8.7	3.0266 +0.0147	+20.002 +0.023	$25^{\circ}5015$
72.12. 4	3	23 43 31.963	25 27 35.37	
72.12. 7	3	31.937	35.48	
73.11. 3	3	32.065	33.80	
73.11.22	2	31.979	35.07	
77.11.16	3	32.085	35.30	

14309	$8^{\mathrm{m}}7$	$3^{\mathrm{s}}0186$ $+0^{\mathrm{s}}0172$	$+20''003$ $+0''023$	$29^{\circ}5006$
73.10. 7	3	$23^{\mathrm{h}}43^{\mathrm{m}}38^{\mathrm{s}}560$	$29^{\circ}21'57''45$	
73.10.13	3	38.566	58.43	
75.11.25	3	38.215	58.10	
75 12.23	3	38.569	57.71	
78.12. 9	3	38.585	55.93	
14310	8.7	3.0275 +0.0149	+20.005 +0.022	$25^{\circ}5017$
72.10. 8	3	23 44 1.969	25 38 18.70	w. $7-10^{\mathrm{s}}$
73.11. 3	1	1.766	17.68	
77.11.13	3	1.772	17.66	
14311	9.0	3.0182 +0.0177	+20.006 +0.022	$30^{\circ}5035$
73.10.28	3	23 44 3.108	30 10 18.38	$+5'$
73.11.12	3	3.206	16.34	Z.C. $\alpha 3^{\mathrm{s}}08$
73.11.29	3	2.957	15.48	
75.11.25	3	3.044	16.32	
14312	9.4	3.0216 +0.0168	+20.006 +0.022	$28^{\circ}4653$
72.11.21	2	23 44 5.101	28 39 19.28	Z.C. $\delta 19''6$
73.11.11	2	4.955	17.31	
77.11.23	3	5.068	20.80	
77.12. 8	1	5.016	20.91	-1^{s}
14313	9.0	3.0195 +0.0174	+20.006 +0.022	$29^{\circ}5007$
85.11.16	5	23 44 6.776	29 39 27.89	
85.11.18	5	6.992	29.54	
85.11.19	5	6.901	28.45	
14314	9.5	3.0256 +0.0157	+20.007 +0.021	$26^{\circ}4701$
73.10.14	2	23 44 16.651	26 58 49.14	†
14315	9.5	3.0262 +0.0157	+20.008 +0.021	$26^{\circ}4702$
73.10.27	1	23 44 28.160	26 57 4.35	
73.11.15	3	28.301	6.46	
14316	9.0	3.0260 +0.0159	+20.009 +0.021	$27^{\circ}4630$
72.10.25	3	23 44 32.218	27 11 16.98	Z.C. $\delta 16''0$
73.10. 8	3	32.246	16.48	$-30'$
73.10.20	3	32.216	15.47	
73.11. 5	3	32.157	16.32	
77.11. 1	3	32.433	14.75	ft.
77.11.20	3	32.230	16.14	
77.11.22	3	32.138	15.82	
14317	8.9	3.0302 +0.0149	+20.010 +0.020	$25^{\circ}5023$
72.12. 4	3	23 44 52.434	25 31 51.42	Z.C. $\delta 51''2$
72.12. 7	3	52.528	51.78	
73.11.22	3	52.546	50.55	
77.11.13	3	52.498	50.66	
77.11.16	3	52.430	51.61	
14318	9.3	3.0285 +0.0156	+20.012 +0.020	$26^{\circ}4706$
73.10.16	3	23 45 4.122	26 40 33.34	
74.11.19	3	4.223	32.80	
75.10.12	3	4.075	32.96	
78.10.29	3	4.082	32.28	
87.11.15	7	4.112	35.18	
14319	9.0	3.0260 +0.0165	+20.012 +0.020	$27^{\circ}4631$
72.10.25	3	23 45 7.532	28 5 19.90	
73.10. 8	3	7.453	20.53	$+5'$
73.11. 5	3	7.426	20.18	
74.10.22	3	7.573	19.81	

14320 8^m3 3^s0288 $+0^s0156$ $+20''012$ $+0''020$ 26°4707

73.11.15	1	$23^h 45^m 8^s261$	26° 38′ $29''20$	
74.10. 5	3	8.017	28.76	
74.11.19	2	8.203	29.12	
75.10.12	2	7.985	28.68	

14321 9 4 3.0243 +0.0172 +20.013 +0.019 29°5010

73.10.13	3	23 45 17.341	29 12 19.85	
73.10.28	3	17.011	22.87	
74.11. 5	3	17.007	20.75	
75.11.25	3	17.214	22.01	
78.12. 9	2	17.436	20.46	v. ft.

14322 9.5 3.0228 +0.0179 +20.014 +0.019 30°5041

73.10. 7	3	23 45 25.421	30 11 30.62	†

14323 9.0 3.0234 +0.0177 +20.014 +0.019 29°5012

73.10.28	1	23 45 26.919	29 55 8.61	
73.11.12	3	27.026	8.32	
75.12.23	3	27.129	8.29	
78.12. 9	1	27.255	6.25	

14324 9.5 3.0322 +0.0152 +20.016 +0.018 25°5028

72.12. 4	3	23 45 50.422	25 53 10.74	
72.12. 7	3	50.486	10.61	
73.11. 3	3	50.674	10.05	

14325 8.3 3.0288 +0.0164 +20.016 +0.018 27°4633

73.10.20	3	23 45 54.285	27 52 53.61	
73.11. 5	3	54.315	52.85	d. s.
74.12.10	3	54.271	54.52	
77.11.20	3	54.321	52.93	d. s. l.

14326 9.0 3.0292 +0.0165 +20.017 +0.018 27°4634

72.10.25	2	23 46 6.167	28 0 22.44	
73.10. 8	2	6.166	21.79	
74.10.22	3	5.880	23.27	
77.11.22	3	5.777	21.91	

14327 8.3 3.0291 +0.0167 +20.018 +0.018 28°4655

72 10.22	3	23 46 13.625	28 15 25.00	
72.11. 7	3	13.680	24.21	
72.11.21	3	13.676	25.68	
73 10.23	3	13.757	23.43	

14328 8.7 3.0348 +0.0148 +20.018 +0.017 24°4852

85.11.16	5	23 46 17.481	25 5 10.68	
85.12. 7	5	17.584	11.41	

14329 9.0 3.0289 +0.0170 +20.019 +0.017 28°4656

73.10.23	3	23 46 22.676	28 37 55.79	d. f.
73.11.11	3	22.653	56.36	d. f.
77.11.23	3	22.694	58.11	c. d. f.
78.10.28	3	22.970	57.77	d. f.
78.11. 1	3	22.898	57.98	d. f.

14330 9.0 3.0286 +0.0172 +20.019 +0.017 28°4657

72.11.21	2	23 46 27.955	28 54 47.36	
77.12. 8	3	27.783	49.12	
78.11.18	3	27.762	47.98	

14331 9.5 3.0314 +0.0162 +20.019 +0.017 27°4635

81.11.19	3	23 46 28.709	27 23 59.83	†

14332 8^m0 3^s0274 $+0^s0179$ $+20''020$ $+0''017$ 29°5014

85.11.18	7	$23^h 46^m 40^s953$	30° 1′ $27''35$	
85.11.19	7	40.903	26.70	

14333 7.5 3.0358 +0.0150 +20.021 +0.016 25°5034

72.10. 8	3	23 46 45.926	25 18 18.87	Z.C. δ $17''1$
72.12. 4	3	45.815	16.33	
72.12. 7	3	45.829	16.31	
73.11.22	3	45.663	17.65	−1°
75.12. 9	3	45.827	17.61	
77.11.13	3	45.799	16.84	
77.11.16	3	45.870	16.58	
78.12.18	3	45.747	16.87	

14334 8.9 3.0291 +0.0174 +20.021 +0.016 29°5015

73.10.13	3	23 46 47.084	29 15 41.39	
73.10.28	3	47.032	43.56	
73.11.12	3	47.044	42.89	
74.11. 5	3	47.091	41.28	

14335 Not found on revision: not found on Oxford photograph 94.11.17. Z.C. 1′ wrong: see appendix 14335[a]

14336 8.3 3.0328 +0.0167 +20.024 +0.015 28°4662

72.11. 7	3	23 47 20.724	28 6 40.52	
73.10.23	2	20.797	39.35	
73.11.11	3	20.641	40.79	
77.11.23	3	20.714	42.50	
77.12. 8	1	20.669	43.46	

14337 8.0 3.0303 +0.0180 +20.025 +0.015 29°5020

84.11.29	7	23 47 33.333	30 4 30.76	
84.12.15	7	33.395	31.67	

14338 9.3 3.0310 +0.0179 +20.025 +0.015 29°5021

73.10.13	1	23 47 41.493	29 56 57.34	v. ft.
73.10.28	2	41.781	59.90	
75.11.25	3	41.935	58.75	
75.12.23	3	41.879	59.18	
85.11.17	7	41.972	59.34	
85.12. 7	5	41.951	59.82	
87.11.15	7	42.028	56.85	

14339 9.5 3.0392 +0.0151 +20.027 +0.015 25°5038

72.12. 4	2	23 48 2.533	25 22 50.86	
72.12. 7	3	2.747	53.76	

14340 8.7 3.0340 +0.0174 +20.027 +0.014 28°4665

73.11.11	3	23 48 9.092	28 56 55.29	
78.10.28	3	9.227	56.76	
78.11. 1	3	9.025	55.74	

14341 8.7 3.0369 +0.0162 +20.028 +0.014 27°4640

72.10.25	3	23 48 12.583	27 10 15.43	
73.10. 8	3	12.805	16.36	
73.11. 5	3	12.595	14.34	
74.10.22	3	12.735	16.21	
74.12.10	3	12.970	14.75	
77.11.20	3	12.781	16.01	
77.11.22	3	12.569	16.51	

14342 9.5 3.0394 +0.0156 +20.029 +0.014 — —

73.11.15	3	23 48 31.825	26 6 49.06	†

14343 $9^{\mathrm{m}}.3$ $3^{\mathrm{s}}.0405$ $+0^{\mathrm{s}}.0151$ +20".029 +0".014 25°5041

72.10. 8	3	$23^{\mathrm{h}}48^{\mathrm{m}}32^{\mathrm{s}}.173$	25° 22' 29".37	Z.C. δ 28".7
73.11.22	3	31.929	29.44	
77.11.13	3	32.023	27.54	
77.11.16	3	32.104	28.64	ft.

14344 9.5 3.0338 +0.0180 +20.029 +0.013 — —

73.11.12	3	23 48 33.765	29 56 45.66	†

14345 7.6 3.0357 +0.0173 +20.029 +0.013 28°4666

72.11. 7	3	23 48 35.433	28 46 46.69	
73.10.23	3	35.567	45.74	
73.11.11	1	35.310	45.99	
85.11.16	7	35.399	47.57	

14346 7.0 3.0370 +0.0167 +20.029 +0.013 27°4642

73.10. 8	3	23 48 37.642	27 56 13.03	
73.10.20	3	37.648	13.81	
73.11. 5	3	37.643	12.62	

14347 8.6 3.0360 +0.0173 +20.030 +0.013 28°4667

77.11.23	3	23 48 40.522	28 45 17.46	Z.C. δ 18".0
78.11. 1	1	40.544	18.31	
78.11.18	2	40.500	18.27	$+1^{\mathrm{s}}$

14348 8.8 3.0366 +0.0171 +20.030 +0.013 28°4669

72.11.21	3	23 48 45.521	28 32 53.82	Z.C. δ 54".2
77.12. 8	2	45.454	55.00	
78.11.18	1	45.418	53.70	

14349 6.3 3.0420 +0.0151 +20.031 +0.013 25°5042

72.10. 8	2	23 49 1.687	25 15 35.11	
72.12. 4	1	1.644	34.72	
72.12. 7	2	1.538	35.50	
73.11.22	3	1.597	35.22	
75.12. 9	3	1.698	35.40	
77.11.13	2	1.660	34.46	
77.11.16	3	1.631	33.49	
78.12.18	3	1.558	34.93	

14350 9.5 3.0408 +0.0157 +20.032 +0.013 — —

81.11.15	3	23 49 6.062	26 18 19.77	†

14351 9.5 3.0413 +0.0157 +20.032 +0.013 26°4709

81.11.19	3	23 49 13.450	26 15 21.23	
81.11.23	3	13.878	22.63	

14352 9.5 3.0413 +0.0161 +20.033 +0.012 26°4710

81.12. 3	3	23 49 28.885	26 44 21.84	
81.12. 5	2	28.659	20.54	$+1^{\mathrm{s}}$
81.12. 7	3	28.854	20.53	

14353 9.5 3.0418 +0.0159 +20.033 +0.012 26°4711

81 11.19	2	23 49 31.103	26 28 41.80	†

14354 9.0 3.0403 +0.0168 +20.034 +0.012 27°4646

72.10.25	3	23 49 39.251	27 55 30.11	Z.C. α $39^{\mathrm{s}}.31$
73.10. 8	3	39.325	29.53	Z.C. δ 29".2
73.10.20	3	39.389	28.51	+ 5'
73.11. 5	3	39.243	29.54	
74.12.10	3	39.329	28.79	
77.11.20	3	39.342	28.80	

14355 $9^{\mathrm{m}}.0$ $3^{\mathrm{s}}.0409$ $+0^{\mathrm{s}}.0166$ +20".034 +0".011 27°4647

74.10.22	3	$23^{\mathrm{h}}49^{\mathrm{m}}40^{\mathrm{s}}.822$	27° 32' 53".41	Z.C. δ 52".8
77.11.22	3	40.734	53.12	
78.10.28	2	40.882	51.78	
78.11. 1	1	41.297	52.83	§
81.12. 8	3	40.780	52.99	

14356 9.0 3.0392 +0.0176 +20.034 +0.011 29°5027

73.10.13	3	23 49 50.051	29 8 18.08	
79.11.11	3	50.021	19.06	

14357 8.8 3.0407 +0.0170 +20.035 +0.011 28°4670

72.11. 7	3	23 49 55.110	28 10 49.22	
72.11.21	3	54.873	50.87	
73.10.23	3	54.960	48.57	
73.11.11	3	54.989	48.90	
77.11.23	3	54.929	51.79	

14358 9.0 3.0414 +0.0169 +20.035 +0.011 27°4648

72.10.25	2	23 50 3.685	28 0 32.73	
73.11. 5	1	3.572	32.40	
74.10.22	3	3.831	32.17	
77.11.22	3	3.636	33.26	

14359 9.1 3.0393 +0.0183 +20.036 +0.010 29°5029

79.11.18	3	23 50 15.418	30 4 47.37	
79.11.21	3	15.013	47.69	
84.10.29	5	15.266	47.95	
84.11.10	7	15.091	49.11	

14360 9.3 3.0422 +0.0170 +20.037 +0.010 28°4672

87.11.16	1	23 50 23.410	28 8 54.50	†

14361 9.5 3.0403 +0.0181 +20.037 +0.010 29°5030

73.10.28	3	23 50 24.582	29 43 8.20	†

14362 9.4 3.0442 +0.0163 +20.037 +0.010 — —

80.10.29	3	23 50 31.508	26 55 30.19	†

14363 7.6 3.0446 +0.0163 +20.038 +0.010 26°4714

73.10.16	1	23 50 40.098	26 52 39.70	
73.10.27	3	39.822	38.27	
74.11.10	3	39.844	42.40	
77.12.14	3	39.936	39.38	
80.10.29	2	40.035	39.33	

14364 8.9 3.0456 +0.0158 +20.038 +0.010 26°4713

73.10.14	3	23 50 40.397	26 7 35.49	
73.10.16	3	39.971	35.77	
73.11.15	3	40.122	35.28	
74.10. 5	3	40.245	35.34	
75.10.12	3	40.027	35.48	
78.11.29	3	40.160	35.26	

14365 9.0 3.0447 +0.0164 +20.038 +0.009 26°4715

73.10.14	2	23 50 45.930	27 5 7.83	
74.11.19	3	46.049	6.44	

14366 9.1 3.0439 +0.0169 +20.038 +0.009 27°4650

89.11. 2	7	23 50 48.597	27 53 9.65	†

14367 9.0 3.0426 +0.0177 +20.038 +0.009 — —

73.10. 7	3	23 50 52.452	29 7 59.18	†

14368 $9^m.0$ $3^s.0443$ $+0^s.0168$ $+20''.038$ $+0''.009$ 27°4652

73.10. 8	3	23^h	50^m	$53^s.909$	27°	43′	$32''.80$	
73.10.20	3			53.941			30.52	
74.12.10	3			53.899			31.04	
77.11. 1	3			53.773			31.46	
77.11.20	3			53.942			32.38	
77.11.22	3			53.719			32.43	

14369 9.0 3.0457 +0.0162 +20.038 +0.009 26°4716

73.10.27	3	23	50	55.622	26	43	39.74	
74.11.10	3			55.572			43.39	
78.10.29	2			55.507			42.53	
84.11.20	7			55.544			42.22	
87.11.30	5			55.833			42.31	

14370 8.7 3.0455 +0.0164 +20.039 +0.009 26°4717

73.11.15	1	23	50	59.023	27	2	41.54	Z.C. δ $41''.4$
74.11.19	2			58.846			41.54	
77.12.14	2			58.796			41.08	
78.11.29	1			58.675			41.62	

14371 9.4 3.0469 +0.0158 +20.039 +0.009 26°4718

81.11.15	3	23	51	8.853	26	12	59.91	
81.11.19	3			9.166			59.42	
81.12. 7	3			9.105			60.23	

14372 9.3 3.0471 +0.0158 +20.040 +0.009 26°4719

81.11.23	3	23	51	13.964	26	10	47.86	
81.12. 3	3			13.768			48.17	
81.12. 5	2			13.949			48.40	
81.12. 7	2			14.104			48.11	
81.12. 8	3			13.977			46.84	

14373 9.4 3.0477 +0.0155 +20.040 +0.009 25°5047

73.11. 3	3	23	51	14.352	25	36	30.31	Z.C. δ $30''.9$
77.11.13	3			14.503			30.64	
78.12.18	3			14.433			31.70	

14374 8.9 3.0462 +0.0168 +20.040 +0.008 27°4653

73.11. 5	3	23	51	28.372	27	39	47.43	
74.10.22	3			28.577			47.02	
74.12.10	3			28.615			47.82	

14375 9.5 3.0488 +0.0155 +20.041 +0.008 25°5048

72.12. 4	3	23	51	37.490	25	38	53.68	
73.11.22	3			37.263			53.66	

14376 8.4 3.0452 +0.0179 +20.041 +0.008 29°5034

72.11. 2	3	23	51	43.063	29	16	57.05	
73.10.13	3			43.044			55.77	
73.11.12	3			43.103			57.54	
73.11.29	3			42.920			55.61	
74.11. 5	3			43.123			56.38	
75.11.25	3			43.092			57.01	
75.12.23	3			43.138			55.88	

14377 8.6 3.0466 +0.0170 +20.041 +0.008 27°4655

72.10.25	3	23	51	43.549	27	57	47.68	
73.10.20	2			43.422			48.22	
77.11. 1	3			43.482			47.00	
77.11.20	3			43.391			48.05	
87.12. 2	7			43.535			46.63	

14378 $9^m.0$ $3^s.0498$ $+0^s.0152$ $+20''.041$ $+0''.007$ 24°4866

84.11.21	7	23^h	51^m	$46^s.943$	25°	3′	$9''.28$	
84.11.28	7			47.335			8.90	
85.11.16	7			47.125			7.75	

14379 8.2 3.0474 +0.0172 +20.042 +0.007 28°4678

72.11. 7	3	23	52	1.227	28	8	34.70	Z.C. δ $35''.2$
72.11.21	3			1.305			35.97	
73.10.23	3			1.134			33.44	
77.11.23	3			1.337			36.68	

14380 8.1 3.0466 +0.0185 +20.043 +0.006 30°5066

84.10.29	5	23	52	25.361	30	7	28.95	
84.11.10	7			25.292			29.30	
84.11.29	7			25.381			27.72	
84.12.15	7			25.403			28.85	

14381 8.3 3.0511 +0.0158 +20.044 +0.006 25°5050

72.10. 8	3	23	52	31.919	25	55	56.56	
72.12. 4	3			31.756			56.28	
72.12. 7	3			31.909			55.93	
75.12. 9	3			31.750			56.70	
77.11.13	3			31.963			55.03	
77.11.16	3			31.813			55.96	
78.10.29	3			31.835			55.63	
78.12.18	3			31.714			56.60	

14382 8.5 3.0516 +0.0155 +20.044 +0.006 25°5051

73.11. 3	3	23	52	32.201	25	25	5.30	
73.11.22	3			32.070			5.89	
75.12. 9	2			32.024			5.73	
78.12.18	2			32.289			5.44	

14383 8.9 3.0522 +0.0152 +20.044 +0.006 24°4869

92.10.25	6	23	52	37.051	24	53	0.51	
92.10.26	6			36.836			0.25	

14384 9.1 3.0481 +0.0180 +20.044 +0.006 29°5036

73.10. 7	3	23	52	38.577	29	19	19.06	
74.11. 5	3			38.360			19.75	

14385 9.0 3.0491 +0.0175 +23.044 +0.006 28°4680

72.11. 7	3	23	52	40.987	28	30	28.61	
72.11.21	2			41.167			30.96	
73.11.11	3			41.077			28.21	

14386 8.1 3.0516 +0.0162 +20.045 +0.005 26°4721

73.10.14	3	23	52	55.187	26	34	26.41	
73.10.16	3			55.234			27.30	− 1°
73.10.27	3			54.963			27.63	
75.10.12	3			55.159			28.35	+ 5′
81.11.15	3			55.096			27.99	
81.11.19	3			55.125			26.35	
81.11.23	3			55.380			27.19	
81 12. 7	3			55.121			26.84	

14387 8.7 3.0509 +0.0174 +20.045 +0.005 28°4683

73 10.23	3	23	53	13.023	28	21	38.85	Z.C. δ $41''.0$
73.11.11	3			12.976			40.13	
77.11.23	3			13.052			41.94	
77.12. 8	3			12.953			42.59	
79.11.18	3			13.037			41.51	
87.11.30	6			13.039			40.91	

14388 $8^{m}.9$ $3^{s}.0517$ $+0^{s}.0172$ $+20''.046$ $+0''.004$ 27°4658

72.10.25	3	$23^{h}53^{m}21^{s}.115$	27° 55′ 3″.63	
73.10. 8	3	21.134	4.32	
73.10.20	3	21.124	4.32	
74.10.22	3	21.004	4.40	
77.11. 1	2	20.993	3.03	− 1 int.
77.11.20	3	21.032	3.24	
77.11.22	3	20.938	4.21	

14389 8.7 3.0534 +0.0161 +20.046 +0.004 26°4722

73.10.14	3	23 53 27.189	26 15 9.97	Z.C. α $27^{s}.08$
73.11.15	3	27.129	8.50	Z.C. δ 9″.1
74.10. 5	3	27.033	9.02	
75.10.12	3	27.073	9.47	− 15′
77.12.14	3	26.992	8.59	

14390 9.0 3.0546 +0.0153 +20.046 +0.004 24°4871

84.11.20	7	23 53 29.504	24 58 8.62	
85.11.18	7	29.569	9.83	
85.11.19	7	29.616	9.94	

14391 9.5 3.0537 +0.0163 +20.046 +0.004 26°4723

81.11.19	3	23 53 37.110	26 30 45.39	
81.11.23	3	37.458	46.12	
81.12. 5	3	37.364	46.32	

14392 9.4 3.0528 +0.0178 +20.047 +0.003 28°4686

72.11. 7	3	23 53 57.298	28 54 48.10	
72.11.21	3	57.059	48.84	
73.11.11	2	56.956	47.64	
78.11.18	3	57.223	48.81	

14393 9.4 3.0546 +0.0164 +20.047 +0.003 26°4725

73.10.16	2	23 53 59.494	26 43 59.88	
73.10.27	3	59.602	57.93	− 10^{s}
74.10. 5	2	59.634	60.07	
81.12. 3	3	59.721	60.23	

14394 6.5 3.0550 +0.0161 +20.047 +0.003 26°4727

73.11.15	3	23 54 0.288	26 13 27.01	Z.C. δ 25″.6
74.11.10	3	0.317	26.71	
74.11.19	3	0.378	26.18	
75.10.12	1	0.583	24.56	c. d. f.
77.12.14	2	0.039	25.61	c. d. p.
78.11.29	3	0.393	23.51	
78.11.29	2	0.543	25.36	

14395 7.8 3.0561 +0.0154 +20.048 +0.003 25°5055

72.10. 8	3	23 54 6.744	25 8 57.37	Z.C. δ 56″.8
72.12. 4	3	6.765	56.89	
72.12. 7	3	6.788	57.41	
73.11.22	3	6.577	57.39	
77.11.13	3	6.701	56.95	
77.11.16	3	6.670	55.39	
78.12.18	3	6.752	56.24	

14396 9.0 3.0540 +0.0173 +20.048 +0.003 27°4661

72.10.25	3	23 54 6.638	27 58 50.61	
73.10.20	2	6.824	50.34	
74.10.22	3	6.712	51.81	

14397 8.4 3.0537 +0.0184 +20.048 +0.002 29°5042

72.11. 2	3	23 54 25.191	29 41 60.13	
73.10. 7	3	25.231	58.94	
73.10.13	3	25.029	58.22	
73.10.28	3	25.055	61.57	
73.11.29	3	24.837	58.79	
75.12.23	3	25.075	59.24	

14398 $9^{m}.4$ $3^{s}.0538$ $+0^{s}.0184$ $+20''.048$ $+0''.002$ 29°5043

73.11.12	3	$23^{h}54^{m}25^{s}.942$	29° 37′ 58″.90	
75.11.25	3	25.938	59.72	
78.12. 9	3	26.135	59.46	

14399 9.0 3.0558 +0.0166 +20.048 +0.002 26°4729

80.10.29	3	23 54 26.608	26 53 31.92	
80.10.29	2	26.788	32.83	

14400 9.5 3.0555 +0.0170 +20.048 +0.002 27°4662

73.10. 8	3	23 54 28.840	27 33 1.46	
73.11. 5	3	28.751	2.26	
74.12.10	3	28.916	1.69	

14401 9.0 3.0550 +0.0176 +20.048 +0.002 28°4688

73.10.23	3	23 54 32.243	28 26 44.33	Z.C. δ 46″.2
77.11.23	3	32.286	46.14	
77.12. 8	3	32.196	47.48	
78.10.28	3	32.413	47.03	
79.11.18	3	32.190	45.85	

14402 9.0 3.0560 +0.0168 +20.049 +0.002 27°4663

73.11. 5	3	23 54 35.162	27 11 25.67	Z.C. δ 25″.1
74.10.22	1	35.210	24.72	
77.11.20	3	35.140	25.37	
77.11.22	3	35.236	24.81	

14403 9.5 3.0550 +0.0184 +20.049 +0.001 — —

73.10.13	3	23 54 48.560	29 35 27.52	†

14404 9.3 3.0561 +0.0177 +20.049 +0.001 28°4691

72.11. 7	3	23 54 55.313	28 30 59.04	Z.C. δ 0″.3
72.11.21	3	55.311	63.15	
73.11.11	2	55.335	58.14	− 1′
77.11.23	3	55.365	61.04	

14405 9.2 3.0553 +0.0188 +20.049 +0.001 30°5075

72.11. 2	3	23 54 59.850	30 8 48.80	
73.10.28	3	59.894	49.60	
78.12. 9	3	60.193	48.41	

14406 7.8 3.0557 +0.0187 +20.050 +0.001 29°5046

73.11.12	3	23 55 5.922	30 2 26.73	
74.11. 5	3	5.923	26.89	
75.11.25	3	6.012	27.59	
75.12.23	3	6.000	27.35	

14407 7.0 3.0575 +0.0172 +20.050 +0.001 27°4664

72.10.25	3	23 55 11.804	27 43 43.74	Z.C. δ 42″.5
73.10. 8	3	11.851	42.87	
74.12.10	3	11.673	41.46	
77.11. 1	3	11.668	41.36	
87.12. 2	7	11.783	42.33	
89.11. 2	7	11.842	43.44	

14408 9.5 3.0583 +0.0170 +20.050 +0.000 27°4665

77.11.22	3	23 55 23.065	27 28 55.35	†

14409 9.5 3.0588 +0.0167 +20.050 +0.000 26°4733

79.11.17	3	23 55 27.009	26 57 15.65	†

14410 $8^{m}.6$ $3^{s}.0597$ $+0^{s}.0157$ $+20''.050$ $+0''.000$ 25°5058

72.12. 4	3	$23^{h}55^{m}29^{s}.106$	25° 25′ 18″.08	§
72.12. 7	3	29.190	17.39	
73.11.22	3	29.134	17.84	
75.12. 9	3	29.157	16.72	
77.11.13	3	29.247	17.17	
77.11.16	3	29.169	16.81	
78 12.18	3	29.097	17.64	

14411 9.3 3.0596 +0.0159 +20.050 +0.000 25°5059

81.11.15	3	23 55 30.804	25 40 37.65	
81.11.19	3	30.868	36.98	
81.11.22	3	30.781	38.31	
81.11.23	3	30.954	37.65	
81.12. 5	3	30.933	38.32	
81.12. 8	3	31.012	37.65	

14412 9.3 3.0570 +0.0189 +20.050 +0.000 30°5078

73.10. 7	3	23 55 31.332	30 12 24.43	
73.10.28	1	31.366	26.19	
73.11.12	2	31.492	23.58	

14413 6.0 3.0596 +0.0163 +20.050 +0.000 26°4734

73.10.14	3	23 55 38.542	26 25 14.93	
73.10.16	3	38.547	13.77	
73.10.27	3	38.494	14.82	
74.10. 5	3	38.724	14.75	
77.12.14	3	38.733	8.50	d. s. p. §

14414 9.3 3.0597 +0.0163 +20.050 +0.000 26°4735

73.10.14	2	23 55 39.782	26 25 21.71	
73.10.16	1	39.767	21.25	
74.11.19	3	39.450	22.12	c. d.

14415 9.5 3.0599 +0.0161 +20.050 +0.000 25°5060

81.12. 3	3	23 55 40.074	26 2 33.94	v. ft.
81.12. 7	3	39.653	31.62	

14416 8.7 3.0598 +0.0171 +20.051 −0.001 27°4666

73.10.20	3	23 55 53.748	27 29 30.59	Z.C. δ 30″.8
73.11. 5	3	53.750	31.20	
77.11.20	3	53.836	30.61	

14417 8.0 3.0608 +0.0173 +20.052 −0.002 27°4667

72.10.25	3	23 56 16.669	27 50 44.80	
73.10. 8	2	16.822	45.82	
74.12.10	3	16.759	44.95	
77.11.22	3	16.701	45.37	

14418 9.0 3.0604 +0.0184 +20.052 −0.002 29°5050

74.11. 5	3	23 56 23.146	29 22 7.86	
92.10.25	7	23.322	8.55	

14419 8.1 3.0614 +0.0172 +20.052 −0.002 27°4669

73.10.20	2	23 56 26.318	27 33 18.92	Z.C. δ 19″.2
73.11. 5	1	26.089	19.37	
77.11. 1	3	25.974	17.89	
77.11.20	3	26.034	19.59	
87.11 30	7	26.130	20.41	

14420 $8^{m}.9$ $3^{s}.0605$ $+0^{s}.0186$ $+20''.052$ $-0''.002$ 29°5051

72.11. 2	3	$23^{h}56^{m}27^{s}.229$	29° 38′ 25″.58	
73.10. 7	3	27.257	23.53	
73.10.13	3	27.284	23.28	
73.11.12	2	27.242	23.18	
75.11.25	3	27.380	24.11	
75.12.23	3	27.324	23.92	

14421 9.5 3.0634 +0.0169 +20.053 −0.003 26°4737

81.11.15	3	23 57 2.517	27 0 21.55	
81.11.19	3	2.680	20.55	
81.11.22	3	2.537	22.49	
81.12. 5	3	2.630	22.79	

14422 9.3 3.0645 +0.0168 +20.053 −0.004 26°4738

81.11.23	3	23 57 22.115	26 49 16.59	− 1′
81.12. 3	3	22.042	16.64	
81.12. 7	3	22.051	16.94	
81.12. 8	3	22.112	17.01	

14423 9.5 3.0650 +0.0162 +20.053 −0.004 25°5064

78.10.29	3	23 57 27.549	25 56 33.71	
90.12. 6	5	27.357	32.83	

14424 8.4 3.0647 +0.0171 +20.053 −0.004 27°4670

72.10.25	3	23 57 28.876	27 17 3.40	c. d. f.
74.10.22	3	29.033	3.56	d. s. f.
74.12.10	3	29.046	2.85	
77.11. 1	3	28.820	2.19	
77.11.22	3	28.962	2.57	c. d. f. l.

14425 9.5 3.0656 +0.0163 +20.053 −0.004 25°5065

73.11.15	3	23 57 40.441	25 58 53.46	
75.10.12	3	40.506	52.37	
81.11.19	3	40.437	51.05	

14426 9.0 3.0659 +0.0165 +20.053 −0.005 26°4739

73.10.14	3	23 57 47.366	26 18 51.93	
73.10.27	3	47.186	50.58	
74.11.10	3	47.292	53.19	d. l.

14427 9.0 3.0658 +0.0169 +20.053 −0.005 26°4740

79.11.17	3	23 57 49.800	27 0 3.22	
92.10.26	7	49.971	3.33	

14428 9.1 3.0661 +0.0165 +20.053 −0.005 26°4741

74.11.10	2	23 57 52.092	26 16 21.23	†

14429 9.3 3.0666 +0.0163 +20.053 −0.005 25°5066

73.11.15	3	23 58 1.212	26 1 27.07	Z.C. δ 27″.2
77.12.14	3	1.435	27.30	ex. ft.

14430 9.5 3.0665 +0.0169 +20.053 −0.005 26°4742

81.11.15	3	23 58 3.550	26 53 56.45	
81.12. 8	2	3.370	55.02	

14431 8.9 3.0665 +0.0183 +20.054 −0.005 28°4697

72.11. 7	3	23 58 13.550	29 1 34.39	Z.C. δ 35″.2
72.11.21	3	13.527	35.20	
77.11.23	3	13.628	35.87	
77 12. 8	3	13.636	35.23	

14432 $8^{m}3$ $3^{s}0671$ $+0^{s}0186$ +20″054 −0″006 29°5057

73.10. 7	3	$23^{h}58^{m}26^{s}484$	29° 23′ 27″05	
73.10.13	3	26.560	26.04	
73.10.13	2	26.550	25.90	
73.10.28	3	26.549	29.34	
74.11. 5	3	26.518	27.97	
75.12.23	3	26.681	28.38	

14433 9.3 3.0677 +0.0166 +20.054 −0.006 26°4743

73.10.27	3	23 58 27.325	26 28 36.34	Z.C. Ep. 76.6
74.11.19	3	27.287	36.93	
75.10.12	3	27.342	37.99	
81.12. 3	3	27.268	37.54	

14434 6.7 3.0680 +0.0163 +20.054 −0.006 25°5068

72.12. 7	3	23 58 30.181	25 57 11.04	
73.11. 3	3	30.219	10.34	
75.12. 9	3	30.186	10.54	
77.11.13	3	30.230	10.71	
77.11.16	3	30.278	10.62	
78.10.29	3	30.233	11.24	

14435 8.7 3.0682 +0.0164 +20.054 −0.006 25°5069

84.11. 7	4	23 58 33.653	26 1 44.25	§
84.11.10	7	33.638	44.82	
84.11.20	6	33.595	44.03	
84.11.21	7	33.594	45.24	

14436 6.8 3.0681 +0.0170 +20.054 −0.006 26°4744

73.11.15	1	23 58 35.633	26 58 43.94	Z.C. δ 44″0
77.12.14	3	35.470	43.89	
79.11.17	3	35.751	44.29	−1′
79.11.21	3	35.736	42.62	
79.11.29	3	35.766	43.90	
80.10.29	3	35.640	44.87	
80.10.29	2	35.730	44.19	

14437 $8^{m}3$ $3^{s}0681$ $+0^{s}0188$ +20″054 −0″006 29°5059

73.11.12	3	$23^{h}58^{m}44^{s}700$	29° 38′ 2″40	Z.C. δ 2″4
73.11.12	2	44.841	1.75	
77.10.27	3	44.567	3.06	d. s. p.

14438 9.0 3.0691 +0.0176 +20.054 −0.007 27°4673

73.10. 8	3	23 58 59.130	27 50 52.40	Z.C. δ 52″0
73.11. 5	3	59.030	53.09	
77.11. 1	3	59.194	50.53	
77.11.20	3	59.251	52.12	

14439 9.1 3.0695 +0.0179 +20.054 −0.007 28°4701

72.11. 7	3	23 59 7.435	28 17 56.37	−1′
72.11.21	3	7.479	56.10	Z.C. δ 56″7
77.11.23	3	7.513	57.06	−1 int.
78.11.18	3	7.317	57.19	

14440 9.5 3.0703 +0.0163 +20.054 −0.008 25°5070

77.11.13	3	23 59 18.535	25 50 3.24	
78.10.29	3	18.560	2.93	−1′
93.10.31	7	18.464	2.11	v. ft.
93.11. 7	5	18.135	0.84	

14441 7.0 3.0710 +0.0175 +20.054 −0.008 27°4674

73.11. 5	3	23 59 35.239	27 34 51.11	
77.11. 1	2	35.294	50.78	
77.11.22	3	35.323	51.85	
78.10.28	3	35.449	51.40	
79.11.11	3	35.222	50.48	
79.11.17	2	35.355	51.80	

APPENDIX

REVISION OBSERVATIONS MADE BY MISS WALKER IN THE YEARS 1896 TO 1899

14	$9^{\mathrm{m}}4$	$3^{\mathrm{s}}0764$	$+0^{\mathrm{s}}0161$	$+20''054$	$-0''011$	25°	1
97.12.15	7	$0^{\mathrm{h}}\ 1^{\mathrm{m}}29^{\mathrm{s}}929$		25° 16′ 3″22			
98.10.31	5	29.812		3.91			
98.11. 5	5	30.005		1.23			
98.5		29.915		2.79			
16	9.5	3.0771	+0.0173	+20.054	−0.012	—	—
97.12.14	7	0 1 38.608		26 58 3.73			
98.11.18	5	38.907		2.41			
98.11.29	5	38.598		4.50			
98.6		38.704		3.55			
20	8.8	3.0789	+0.0187	+20.053	−0 012	29°	5
97.12.22	7	0 2 1.499		29 8 49.79			
98.12. 7	7	1.378		50.54			
98.12 20	7	1.436		51.04			
98.6		1.438		50.46			
21	9.5	3.0783	+0.0163	+20.053	−0.012	25°	4
98.10.24	5	0 2 12.102		25 23 38.23			
98 11.22	5	12.096		35.06			
98.12.21	5	11.822		37.47			
98 12 22	5	12.053		37.51			
98 9		12.018		37.07			
28	9.0	3.0833	+0.0175	+20.052	−0 015	26°	4
97.11.25	7	0 3 43.534		27 4 9.12			
98.12. 9	7	43.546		9.22			
99.11.23	5	43.521		9.67			
99.11.27	7	43.634		8.78			
99 2		43.559		9.20			
41	9.1	3.0885	+0.0190	+20.049	−0.018	29°	15 A
97.12. 8	2	0 4 59.957		29 7 20.83		n. of 2	
98.10.31	4	59.959		23.00			
98.11. 5	5	60.168		20.77		n. of 2	
98.5		60.028		21.53			
42	9.1	3.0885	+0.0190	+20.049	−0.018	29°	15 B
97.12 15	7	0 4 60.116		29 7 7.53			
98.11.18	5	60.301		7.17			
98.11.25	5	60.082		9.54			
98.11.29	5	59.868		8.56			
98.7		60.092		8.20			
57	9.5	3.0907	+0.0168	+20.046	−0.021	—	—
97.12.14	7	0 6 34.016		25 38 32.13			
98.12. 3	7	34.162		31.97			
98.12.20	1	34.100		32.15			
98.6		34.093		32.08			
58	9.5	3.0917	+0.0174	+20.046	−0.021	26°	12
97.12.22	5	0 6 37.011		26 40 52.00			
98.12. 7	7	37.066		52.40			
98.12 21	3	36.944		51.74		v. ft.	
98.6		37.007		52.05			

66	$9^{\mathrm{m}}5$	$3^{\mathrm{s}}0967$	$+0^{\mathrm{s}}0198$	$+20''044$	$-0''022$	—	—
98.10.24	5	$0^{\mathrm{h}}\ 7^{\mathrm{m}}15^{\mathrm{s}}015$		29° 56′ 17″55		f. of 2	
98.11.22	5	14.802		15.80			
99.12. 8	7	15.316		16.64			
99.2		15.044		16.66			
68	9.5	3 0954	+0.0184	+20.044	−0.023	27°	20
97.11.25	7	0 7 29.498		27 55 23.60			
99.11.23	7	29.697		23.58			
99.11.27	7	29.883		23.46			
99.2		29.693		23.55			
77	9.1	3.0967	+0.0177	+20.041	−0.025	26°	19
98.10.31	5	0 8 17.215		26 51 26.95			
98.11. 5	5	17.343		24.54			
98.11.18	5	17.323		25.84			
98.9		17.294		25.78			
82	9.5	3.1001	+0.0187	+20.039	−0.026	28°	24
98.11.25	5	0 8 50.074		28 17 39.79			
98.11.29	5	49.829		41.06			
99 11.28	7	50.397		38.99			
99.2		50.100		39.95			
85	9.4	3.1000	+0.0185	+20.039	−0.026	27°	26
97.12. 8	7	0 8 55.740		28 2 47.07		s. p. of 2	
98.12.20	3	55.559		47.83			
99.12.30	7	56.202		50.69		s. p. of 2	
99.0		55.834		48.53			
86	9.3	3.1002	+0.0185	+20.039	−0.026	—	—
97.12.15	7	0 8 58.438		28 3 33.05			
99.12.11	7	58.988		31.91			
99.12.16	7	58.549		32.78			
99.3		58.658		32.58			
86ᵃ	9.5	3.1011	+0.0191	+20.039	−0.026	28°	25
98.12. 9	7	0 8 58.831		28 53 19.62		‖ p. of 2	
Confirmed by Oxford photograph 95.11.14; brighter than 87							
87	9.5	3.1013	+0.0191	+20.039	−0.026	—	—
98.12.13	4	0 9 0.316		28 53 15.57		v. ft.	
94	9.0	3.1020	+0.0185	+20.037	−0.027	27°	29
97.12.22	5	0 9 38.094		27 55 28.46			
98.12.21	5	37.963		30.03			
98.12.22	7	37.864		29.54			
98.6		37.974		29.34			
114	9.2	3.1039	+0.0173	+20.030	−0.030	—	—
97.12.14	7	0 11 14.644		25 51 13.48			
98.12. 3	5	14.950		12.54			
98.12. 7	5	14.939		12.64			
98.6		14.844		12.89			
116	9.2	3.1061	+0.0179	+20.029	−0.031	26°	31
97.11 25	7	0 11 31.627		26 43 33.33			
98.10.31	5	31.639		33.56			
98 11. 5	5	31.686		31.89			
98.5		31.651		32.93			

119	**$9^{\mathrm{m}}.1$**	**$3^{\mathrm{s}}.1082$**	**$+0^{\mathrm{s}}.0185$**	**$+20''.028$**	**$-0''.032$**	**27° 35**
98.10.24	5	$0^{\mathrm{h}}\,11^{\mathrm{m}}$	$48^{\mathrm{s}}.319$	27° 36′	$39''.38$	
98.11.18	5		48.389		37.78	
98.11.22	5		48.323		37.38	
98.9			48.344		38.18	
120	**8.6**	**3.1125**	**+0.0204**	**+20.028**	**−0.032**	**30° 34**
96.10. 9	7	0 11	49.097	30 15	59.08	
96.10.21	7		48.947		59.88	
96.10.22	7		49.279		59.81	
96.8			49.108		59.59	
125	**9.5**	**3.1057**	**+0.0169**	**+20.026**	**−0.032**	**25° 30**
98.11.25	7	0 12	13.283	25 7	58.00	too ft.
98.11.29	4		13.262		58.43	
99.11.23	7		13.657		58.94	
99.11.27	7		13.811		57.67	v. ft.
99.4			13.503		58.26	
132	**9.5**	**3.1136**	**+0.0194**	**+20.022**	**−0 034**	**— —**
97.12. 8	7	0 12	57.833	28 41	17.22	night unsatisfactory
98.12. 9	5		58.238		18.74	
98.12.13	7		58.216		17.47	
99.12. 8	7		58.563		18.57	
99.12.16	7		58.379		17.86	
99.1			58.246		17.97	
141	**9.0**	**3.1172**	**+0.0199**	**+20.018**	**−0.035**	**— —**
97.12.15	7	0 13	42.864	29 19	11.72	
98.12.14	7		42.502		11.71	
98.12.20	7		42.684		11.44	-10^{s}
98.6			42.683		11.62	
144	**9.5**	**3.1171**	**+0.0196**	**+20.017**	**−0.036**	**— —**
97.12.22	7	0 13	56.320	28 54	55.71	
98.12. 7	4		56.169		54.43	
98.12.21	5		56.088		55.13	−1′
98.12 22	2		55.970		53.44	
98.7			56.137		54.68	
162	**9.5**	**3.1197**	**+0.0192**	**+20.010**	**−0.038**	**28° 45**
97.12.14	7	0 15	9.813	28 12	35.85	
98.10.31	5		10.055		37.10	
98.11. 5	5		9.980		34.78	
98.12. 3	5		10.195		35.95	
98.6			10.011		35.92	
169	**var.**	**3.1179**	**+0.0180**	**+20.006**	**−0.040**	**26° 43**
97.11.25	7	0 15	51.994	26 18	8.93	mag. 9 3
T. Andromedae						
178	**9.5**	**3.1220**	**+0.0184**	**+20.000**	**−0.042**	**26° 45**
97.12. 8	7	0 16	47.025	26 54	49.39	
98.10.24	5		47.291		49.42	
98.11.18	5		47.273		48.60	
98.5			47.196		49.14	

189	**$9^{\mathrm{m}}.0$**	**$3^{\mathrm{s}}.1240$**	**$+0^{\mathrm{s}}.0182$**	**$+19''.993$**	**$-0''.044$**	**26° 50**
97.12.15	7	$0^{\mathrm{h}}\,17^{\mathrm{m}}$	$51^{\mathrm{s}}.074$	26° 26′	$43''.40$	
98.11.22	5		50.782		43.40	
98.11.25	5		50.715		44.40	
98.11.29	5		50.725		43.77	n.p. of 2
98.7			50.824		43.74	
195	**9.5**	**3.1274**	**+0.0189**	**+19.991**	**−0.044**	**27° 49**
97.12.22	7	0 18	15.526	27 22	37.93	
98.10.31	5		15.864		38.44	
98.11. 5	5		15.709		36.84	
98.5			15.700		37.74	
216	**9.2**	**3.1391**	**+0.0206**	**+19.977**	**−0.048**	**29° 72**
97.12.14	7	0 20	10.546	29 38	7.25	
98.12. 3	5		10.563		6.87	
98.12. 7	7		10.567		7.37	
98.6			10.559		7.16	
217ᵃ	**9.5**	**3.1397**	**+0.0207**	**+19.976**	**−0.048**	**29° 74**
97.11.25	7	0 20	14.500	29 45	19.81	‖ s. of 2
Confirmed by Oxford photograph 95.11.14						
218	**9.4**	**3.1399**	**+0.0208**	**+19.976**	**−0.049**	**— —**
98.11.18	5	0 20	15.847	29 47	8.96	ft.
98.12. 9	5		16.031		7.77	
98.12.13	7		15.567		8.39	
98.9			15.815		8.37	
237	**9.2**	**3.1314**	**+0.0180**	**+19.970**	**−0.050**	**25° 57**
97.12. 8	7	0 20	58.527	25 50	5.81	
98.12.14	7		58.526		5.00	v. ft.
98.12.20	7		58.577		4.77	
98.6			58.543		5.19	
240	**9.2**	**3.1294**	**+0.0173**	**+19.967**	**−0.051**	**24° 59**
98.10.24	5	0 21	21.864	24 39	42.11	s. p. of 2
98.11.22	5		21.801		42.50	
99.11.28	7		22.159		41.68	
99.2			21.941		42.10	
242	**9.2**	**3.1439**	**+0.0209**	**+19.966**	**−0.051**	**29° 78**
97.12.15	7	0 21	29.083	29 47	51.29	
98.11.25	5		29.019		52.28	
98.11.29	5		28.710		52.03	
98.6			28.937		51.87	
250	**9.3**	**3.1365**	**+0.0186**	**+19.962**	**−0.052**	**26° 62**
97.12.22	7	0 22	1.434	26 35	36.54	
98.10.31	5		1.695		37.84	
98.11. 5	5		1.598		36.42	
98.5			1.576		36.93	
252	**9.5**	**3.1360**	**+0.0183**	**+19.960**	**−0.053**	**26° 63**
99.11.23	7	0 22	16.868	26 9	48.22	d. n.
99.11.27	7		17.108		48.01	
99.12. 8	7		16.994		46.80	d.n.
99.9			16.990		47.68	

261 $9^{m}.3$ $3^{s}.1488$ $+0^{s}.0211$ $+19''.955$ $-0''.055$ 29° 86A

97.11.25	2	$0^{h}22^{m}50^{s}.152$	29° 54′ 25″.15	
98.11.18	4	50.465	24.05	
99.12.16	7	50.506	25.53	
99.12.30	7	50.653	26.39	
99.2		50.444	25.28	

280 9.4 3.1488 +0.0197 +19.935 −0.059 27° 76

97.12. 8	7	0 24 57.192	27 45 55.69	
97.12.14	7	57.157	55.97	
98.11.25	3	57.126	56.13	
98.11.29	5	57.131	57.04	
98.4		57.152	56.21	

283 9.1 3.1454 +0.0187 +19.933 −0.058 26° 71

98.10.24	5	0 25 13.339	26 27 49.44	
98.11.22	5	13.287	48.80	
98.12. 3	5	13.240	47.97	
98.9		13.289	48.74	

291 9.5 3.1542 +0.0205 +19.930 −0.060 28° 84 A

97.12.15	7	0 25 32.638	28 49 53.91	
98.10.31	4	32.508	53.99	
98.11. 5	5	32.632	52.41	
98.5		32.593	53.44	

301 8.8 3.1508 +0.0195 +19.926 −0.060 27° 82

96.10. 9	5	0 25 57.146	27 30 18.21	
96.10.21	7	57.187	19.27	
96.10.22	5	57.219	20.03	
96.8		57.184	19.17	

305 9.5 3.1501 +0.0192 +19.923 −0.060 26° 77

97.12.22	7	0 26 12.785	26 59 32.01	
98.11.18	3	13.094	32.86	
98.12. 7	5	13.014	31.85	
98.6		12.964	32.24	

313 9.0 3.1539 +0.0196 +19.915 −0.063 27° 86

98.12. 9	5	0 26 58.448	27 27 17.82	
98.12.13	7	58.510	16.83	
99.11.23	7	58.579	17.43	
99.11.27	7	58.592	17.79	
99.4		58.532	17.47	

314 9.2 3.1497 +0.0187 +19.914 −0.063 26° 80

98.12.14	2	0 27 6.638	26 8 34.65	v. ft.
98.12.20	4	6.473	34.73	
99.12.11	7	7.222	32.31	v. ft.
99.12.16	7	6.747	35.02	
99.5		6.770	34.18	

326 9.4 3.1597 +0.0202 +19.905 −0.065 — —

97.11.25	7	0 28 1.076	28 11 44.27	
99.11.28	7	1.765	44.11	
99.12. 8	7	1.794	45.09	−5′
99.2		1.545	44.49	

328 $9^{m}.0$ $3^{s}.1500$ $+0^{s}.0182$ $+19''.903$ $-0''.065$ 25° 77

96.12.18	7	$0^{h}28^{m}\,9^{s}.301$	25° 22′ 40″.03	
96.12.19	7	9.398	40.14	
97.0		9.350	40.08	

330 9.5 3.1505 +0.0182 +19.901 −0.066 — —

97.12.14	7	0 28 21.541	25 21 26 21	
98.11. 5	3	21.860	25.35	
98.11.22	5	21.337	26.23	
98.6		21.579	25.93	

339 9.3 3.1572 +0.0191 +19.893 −0.067 — —

97.12. 8	5	0 29 5.185	26 38 51.90	clds.
98.10.24	5	5.399	53.73	
98.10.31	5	5.550	53.56	
98.12. 3	7	5.490	52.62	
98.6		5.406	52.95	

344 8.8 3.1683 +0.0212 +19.890 −0.068 29° 105

96.10. 9	7	0 29 23.176	29 18 55.89	d.s.p.l.
96.10.21	7	23.252	56.12	d.s.p.
96.10.22	7	23.254	57.36	d.s.p.
96.8		23.227	56.46	

357 9.2 3.1555 +0.0182 +19.877 −0.070 25° 85

97.12.15	7	0 30 27.388	25 9 29.70	
98.11.18	5	27.423	29.23	
98.11.25	7	27.183	28.79	
98.6		27.331	29.24	

358 9.5 3.1743 +0.0216 +19.876 −0.070 29° 108

97.12.22	7	0 30 35.258	29 49 43.52	
98.11.29	7	35.167	46.65	
98 12. 7	7	35.365	42.97	
98.6		35.263	44.38	

373 9.5 3.1689 +0.0199 +19.856 −0.074 27° 97

96.12.18	1	0 32 15.548	27 15 10.64	
96.12.19	7	15.104	8.77	
97.0		15.326	9.70	

379 Examined 98.12.9: star not found. See main catalogue

386 7.9 3.1676 +0.0191 +19.838 −0.076 25° .96

96.10. 9	7	0 33 40.619	25 58 45.97	
96.10.21	7	40.627	47.01	
96 10.22	7	40.668	47.58	
96.8		40.638	46.85	

388 9.5 3.1734 +0.0198 +19.833 −0.077 26° 99

97.12 15	5	0 34 4.109	27 3 3.28	
98.10.31	5	4.134	3.32	
98.11. 5	5	3.952	0.81	
98.5		4.065	2.47	

393ᵃ 9.5 3.1873 +0.0219 +19.824 −0.079 — —

98.12. 3	4	0 34 47.885	29 38 42.78	‖

Confirmed by Oxford photographs 95.10.23 and 95.11.14

395 $9^{m}.5$ $3^{s}.1836$ $+0^{s}.0211$ $+19''.820$ $-0''.079$ — —

97.12.22	7	$0^{h}35^{m}$	$3^{s}.840$	$28^{\circ}39'$	$56''.90$	
98.11.18	5		4.129		56.89	
98.11.29	5		3.963		59.94	
98.6			3.977		57.91	

397 9.5 3.1884 +0.0218 +19.819 −0.079 — —

98.10.24	5	0 35	7.342	29 38	49.02	
98.12. 7	5		7.389		47.77	f. of 2
99.11.23	7		7.481		48.83	m. of 3
99.11.27	7		7.523		50.12	
99.4			7.434		48.94	

405 9.4 3.1849 +0.0211 +19.812 −0.080 28° 109

98.12. 9	5	0 35	38.358	28 32	35.90	
98.12.13	5		38.381		35.57	
99.11.28	7		38.264		35.87	
99.3			38.334		35.78	

420^{a} 9.1 3.1810 +0.0199 +19.793 −0.083 26° 114

97.12. 8	7	0 37	2.819	26 48	4.64	
98.12.14	5		2.740		4.91	
99.12. 8	7		3.080		4.29	
99.12.11	7		3.194		5.43	
99.12.16	7		2.914		4.94	
99.3			2.949		4.84	

The Z.C. place of 419 is 1 int. wrong: corrected reduction gives

73.10.27	1	0 37	3.005	26 48	3.74	+ 1 int.

424 9.5 3.1910 +0.0212 +19.784 −0.084 — —

97.12.14	7	0 37	38.312	28 30	31.45	
98.10.31	5		38.493		31.67	
98.11. 5	5		38.529		29.86	
98.5			38.445		30.99	

430 9.2 3.1855 +0.0201 +19.774 −0.086 26° 118

96.10. 9	7	0 38	21.185	26 57	21.25	
96.10.21	7		21.421		21.34	
96.10.22	7		21.447		22.09	
96.8			21.351		21.56	

436 Examined 97.12.15: star not found. The star is shewn on Oxford photographs 94.11.19 and 95.11.14

445 9.5 3.1941 +0.0211 +19.762 −0.087 28° 123

97.12.15	2	0 39	9.311	28 11	41.51	

446 9.5 3.1932 +0.0209 +19.762 −0.087 27° 119

97.12.22	7	0 39	11.424	27 59	33.80	
98.11.18	5		11.499		34.31	
98.11.29	5		11.289		35.05	
98.6			11.404		34.39	

447 9.3 3.1869 +0.0199 +19.760 −0.088 26° 120

98.10.24	5	0 39	19.164	26 39	46.40	
98.12. 3	5		19.373		45.21	
98.12. 7	5		19.273		45.10	
98.9			19.270		45.57	

453 $9^{m}.3$ $3^{s}.1988$ $+0^{s}.0215$ $+19''.753$ $-0''.090$ 28° 125

98.12. 9	5	$0^{h}39^{m}$	$46^{s}.494$	$28^{\circ}42'$	$44''.69$	
98.12.13	5		46.536		44.89	
99.11.28	7		46.674		45.35	
99.3			46.568		44.98	

454 9.5 3.2039 +0.0222 +19.751 −0.090 — —

98.12.14	2	0 39	54.797	29 35	41.04	too ft.
99.11.23	7		55.313		40.85	
99.11.27	7		55.412		40.70	
99.6			55.174		40.86	

469 9.3 3.2012 +0.0212 +19.728 −0.092 — —

97.12.14	5	0 41	23.473	28 15	6.29	
98.10.31	5		23.860		6.67	
98.11. 5	5		23.734		5.44	−1′
98.5			23.689		6.13	

480 9.3 3.2011 +0.0208 +19.709 −0.095 27° 128

97.12.15	7	0 42	34.594	27 33	21.09	
98.12. 7	5		34.689		20.49	
99.12. 8	3		34.977		20.68	
99.12.11	7		34.955		20.38	
99.12.16	3		34.826		20.25	
99.3			34.808		20.58	

481 9.1 3.2158 +0.0227 +19.706 −0.095 29° 138

98.10.24	5	0 42	44.754	30 3	33.38	
98.11.18	5		44.898		32.13	
98.12. 3	5		44.769		32.59	
98.9			44.807		32.70	

482 9.5 3.2084 +0.0216 +19.703 −0.096 — —

97.12.22	7	0 42	56.607	28 39	52.11	
98.11.29	5		56.299		54.08	
98.12. 9	5		56.581		53.61	
98.6			56.496		53.27	

506 No star in place: see main catalogue

506^{b} 9.5 3.2130 +0.0217 +19.676 −0.099 — —

98.10.31	3	0 44	36.482	28 33	40.70	‖ v. ft.
99.11.23	7		36.880		37.54	
99.11.28	2		36.860		37.18	v. ft.
99.5			36.741		38.47	

517 9.5 3.1968 +0.0193 +19.659 −0.101 25° 129

97.12.14	7	0 45	33.263	25 15	44.14	
99.12. 8	7		33.840		44.08	
99.12.16	7		33.733		44.90	
99.3			33.612		44.37	

523 9.5 3.2194 +0.0222 +19.653 −0.102 28° 140

98.10.24	5	0 45	55.573	28 56	23.93	
98.12. 3	5		55.252		22.79	
98.12. 7	7		55.702		23.10	
98.9			55.509		23.27	

529	$9^{\mathrm{m}}4$	$3^{\mathrm{s}}2048$	$+0^{\mathrm{s}}0200$	+19″640	−0″103	26° 144
97.12.15	7	$0^{\mathrm{h}}46^{\mathrm{m}}40^{\mathrm{s}}839$		26° 7′ 31″17		
98.11.18	5	40.814		30.91		
98.11.29	5	40.200		32.10		
99.12.30	7	40.970		31.63		
98.9		40.706		31.45		
536	9.5	3.1995	+0.0192	+19.633	−0.104	24° 131
97.12.22	7	0 47 3.268		25 1 58.78		
98.12. 9	5	3.321		58.14		
98.12.13	7	3.250		58.19		
98.6		3.280		58.37		
574	8.2	3.2408	+0.0230	+19.556	−0.113	29° 158
96.10. 9	7	0 51 13.094		29 38 26.21		
96.10.21	7	13.118		26.43		
96.10.22	7	13.057		26.75		
96.8		13.090		26.46		
575	9.0	3.2288	+0.0215	+19.554	−0.113	— —
97.12. 9	5	0 51 16.301		27 49 50.15		too ft.
98.10.31	5	16.624		52.87		
98.11. 5	5	16.674		52.06		v. ft.
98.5		16.533		51.69		
577	9.2	3.2188	+0.0204	+19.552	−0.113	26° 158 A
97.12.15	7	0 51 22.971		26 14 45.66		
98.11.18	5	22.895		45.79		
98.11.29	3	22.545		46.78		d.p.
98.6		22.804		46.08		
578	9.2	3.2188	+0.0204	+19.552	−0.113	26° 158 B
97.12.14	7	0 51 23.455		26 14 40.65		d.s.f.
98.12. 7	7	23.526		39.59		f.
98.12. 9	5	23.421		39.94		f.
98.6		23.467		40.06		
581	9.5	3.2385	+0.0227	+19.547	−0.115	— —
97.12.22	7	0 51 40.487		29 4 47.54		
98.12.13	7	40.511		47.92		
99.11.28	7	40.832		48.98		
98.9		40.610		48.15		
589	9.0	3.2386	+0.0224	+19.530	−0.116	— —
98.10.24	5	0 52 31.548		28 42 53.05		
99.11.23	7	31.878		52.37		
99.11.27	7	31.933		51.70		v. ft.
99.5		31.786		52.37		
597	9.4	3.2477	+0.0231	+19.506	−0.118	29° 163
98.11.29				29 28 33.25		bad: α rejected
99.12. 8	7	0 53 42.899		31.30		
99.12.11	7	42.907		31.96		
99.12.16	7	42.835		31.06		
99.9:99.7		42.880		31.89		
603	9.3	3.2505	+0.0232	+19.493	−0.120	— —
97.12.15	4	0 54 20.124		29 35 17.07		
98.10.31	3	20.233		15.02		
98.11. 5	5	20.202		17.08		
98.5		20.186		16.39		

631	$6^{\mathrm{m}}7$	$3^{\mathrm{s}}2566$	$+0^{\mathrm{s}}0229$	+19″423	−0″126	28° 174
96.10. 9	7	$0^{\mathrm{h}}57^{\mathrm{m}}38^{\mathrm{s}}083$		28° 59′ 25″60		bright field
96.10.21	7	38.181		25.54		bright field
96.10.22	7	38.147		26.24		bright field
96.8		38.137		25.79		
634	9.0	3.2433	+0.0213	+19.416	−0.127	26° 174
97.12. 9	7	0 57 59.111		27 4 12.88		
97.12.15	7	59.287		13.30		
98.10.31	5	59.318		13.58		
98.12. 7	7	59.317		11.86		
98.4		59.258		12.90		
641	9.4	3.2640	+0.0235	+19.404	−0.130	— —
97.12.14	7	0 58 32.292		29 34 38.96		
97.12.17	3	32.271		37.98		
98.11. 5	7	32.613		38.36		
98.12. 9	3	32.579		38.89		
98.12.13	5	32.401		39.82		
98.5		32.431		38.80		
656	9.5	3.2615	+0.0225	+19.349	−0.133	28° 183
97.12. 9	5	1 0 56.550		28 18 33.18		
97.12.22	7	56.506		34.12		
98.10.31	5	56.612		34.70		
98.2		56.556		34.00		
703	8.5	3.2922	+0.0242	+19.211	−0.147	29° 198
96.10. 9	7	1 6 40.758		29 50 6.97		
96.12.18	4	40.785		8.23		
96.12.19	3	40.798		8.05		
96.9		40.780		7.75		
709	9.2	3.2585	+0.0208	+19.200	−0.145	25° 195
97.12. 9	7	1 7 7.436		25 45 35.08		n. of 2
97.12.22	7	7.549		32.11		bad bisection
98.10.31	5	7.550		33.90		
98.12.13	5	7.518		30.83		too ft.
98.4		7.513		32.98		
713	9.0	3.2771	+0.0225	+19.197	−0.146	— —
97.12.14	7	1 7 15.673		27 54 18.87		
98.10.24	5	15.796		18.66		n. of 2
98.12. 7	7	15.914		17.64		
98.6		15.794		18.39		
795	9.2	3.2808	+0.0209	+18.910	−0.168	25° 236
97.12. 9	7	1 17 48.149		25 5 60.37		
97.12.22	7	48.309		59.23		
98.12.21	5	48.298		61.25		
98.3		48.252		60.28		
798	9.3	3.3326	+0.0251	+18.900	−0.170	— —
97.12.17	5	1 18 8.061		30 13 0.16		
98.12. 7	7	8.365		0.90		
98.12.13	7	8.104		1.44		v. ft.
98.6		8.177		0.83		

800	7$^{\mathrm{m}}$.7	3$^{\mathrm{s}}$.3094	+0$^{\mathrm{s}}$.0231	+18″.897	−0″.169	27° 225
96.10. 9	7	1$^{\mathrm{h}}$18$^{\mathrm{m}}$15$^{\mathrm{s}}$.069		27° 55′ 6″.77		
848	9.5	3.3390	+0.0244	+18.720	−0.182	28° 248
96.12.18	4	1 24 4.262		29 5 2.75		v. ft.
849	7.3	3.3362	+0.0241	+18.712	−0.183	28° 249
96.10. 9	5	1 24 19.303		28 46 10.77		bright field
850	9.4	3.3139	+0.0224	+18.711	−0.182	26° 251
97.12. 9	7	1 24 22.251		26 39 40.28		
98.12. 7	5	22.260		39.33		
98.12.13	5	22.299		40.08		
98.6		22.270		39.90		
854	9.5	3.3135	+0.0223	+18.689	−0.183	— —
97.12.17	7	1 25 2.063		26 27 27.58		
98.12.19	1	2.442		26.77		
98.12.21	7	1.839		25.98		
98.6		2.115		26.78		
856	9.0	3.3429	+0.0244	+18.671	−0.186	28° 250
97.12.22	7	1 25 36.266		29 1 9.66		n. p. of 2
857	9.0	3.3428	+0.0244	+18.671	−0.186	— —
99. 1.19	7	1 25 37.487		29 0 30.89		
99.11.27	7	37.494		31.71		
99.5		37.490		31.30		
867	8.8	3.3405	+0.0240	+18.649	−0.187	28° 253
96.10. 9	3	1 26 19.240		28 37 23.29		
872$^{\mathrm{a}}$	9.3	3.3012	+0.0212	+18.625	−0.187	24° 232 A
99.11.28	3	1 27 3.989		24 47 43.50		p. of 2
873	9.4	3.3016	+0.0211	+18.623	−0.187	24° 232B
99.12. 8	5	1 27 6.441		24 48 29.42		
99.12.16	7	6.705		29.28		
99.12.30	7	6.757		30.51		
1900.0		6.634		29.74		

875 Examined 98.12.7; star not found. See main catalogue

880 The Z.C. place is 1$^{\mathrm{m}}$ wrong: see main catalogue 872$^{\mathrm{a}}$

892	9.3	3.3665	+0.0254	+18.541	−0.195	29° 268
97.12.14	6	1 29 35.828		29 59 34.93		
97.12.22	7	35.845		36.28		
99.11.27	7	35.898		35.49		
98.6		35.857		35.57		
895	9.0	3.3572	+0.0246	+18.528	−0.195	29° 269
97.12.17	7	1 29 58.631		29 6 51.19		
99. 1.19	5	58.829		51.80		
99.11.28	5	59.034		51.36		
99.12. 8	4	59.119		49.87		
99.12.11	7	59.230		52.46		
99.4		58.969		51.34		

906	8$^{\mathrm{m}}$.8	3$^{\mathrm{s}}$.3590	+0$^{\mathrm{s}}$.0245	+18″.484	−0″.198	28° 271
96. 1.15	1	1$^{\mathrm{h}}$31$^{\mathrm{m}}$19$^{\mathrm{s}}$.186		28° 56′ 13″.70		
96. 1.17	7	19.254		13.47		
96.12.18	7	19.119		12.50		
96.12.19	7	19.172		13.39		
96.5		19.183		13.26		
911	9.5	3.3271	+0.0221	+18.462	−0.198	— —
97.12. 9	7	1 31 56.919		26 1 13.95		
98.12. 7	5	57.138		12.88		
98.12.13	7	56.796		14.19		
98.6		56.951		13.67		
918	7.8	3.3453	+0.0233	+18.442	−0.199	27° 262
96.10. 9	7	1 32 32.064		27 28 15.06		
941	9.5	3.3389	+0.0224	+18.346	−0.205	— —
97.12. 9	6	1 35 17.029		26 16 38.66		
97.12.14	7	17.095		38.55		
98.12. 7	6	17.225		38.30		
99. 1.19	5	17.017		36.97		
98.5		17.092		38.12		
997	9.3	3.3615	+0.0227	+18.063	−0.220	26° 305 A
97.12. 9	7	1 43 0.097		26 28 37.11		
98.12. 7	5	0.043		35.76		
98.12. 9	5	0.071		37.10		
98.6		0.070		36.66		
1000	9.4	3.4095	+0.0259	+18.061	−0.224	30° 284
97.12.14	7	1 43 2.495		30 7 49.82		
98.12.13	5	2.526		49.97		
98.12.15	5	2.178		50.74		
98.6		2.400		50.18		
1011	9.3	3.4052	+0.0255	+18.034	−0.225	29° 311
97.12.17	7	1 43 44.148		29 39 44.70		
99. 1.19	5	44.376		45.14		
99. 1.24	5	44.120		42.25		
98.7		44.215		44.03		
1027$^{\mathrm{a}}$	9.1	3.4158	+0.0257	+17.937	−0.230	29° 318
98.12. 7	5	1 46 15.781		29 51 43.26		
98.12. 9	5	15.728		44.41		
98.12.13	5	15.570		45.49		
98.9		15.693		44.39		

The Z.C. place of 1027 is 1′ wrong; corrected reduction gives

88.12.13	5	1 46 15.917		29 51 45.76		+ 1′
1031	9.3	3.3825	+0.0235	+17.895	−0.230	27° 298
97.12. 9	7	1 47 19.714		27 12 12.15		
98.12.15	5	19.492		12.12		
99. 1.19	7	19.801		13.35		
98.6		19.669		12.54		
1036	9.5	3.3971	+0.0243	+17.877	−0.232	28° 317
96. 1.15	7	1 47 47.221		28 12 9.21		
96. 1.17	7	47.161		10.33		
96.0		47.191		9.77		

1044	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.3976$	$+0^{\mathrm{s}}.0243$	$+17''.860$	$-0''.232$	— —
97.12.24	7	$1^{\mathrm{h}}48^{\mathrm{m}}11^{\mathrm{s}}.767$	$28^\circ\ 9'\ 27''.30$			
99. 1.24	5	11.787	28.78			
99.11.27	7	12.065	30.50			
99.0		11.873	28.86			
1045	9.5	3.3819	+0.0232	+17.847	−0.232	— —
97.12.17	7	1 48 31.733	26 55 38.83			
99. 1.25	3	31.490	37.96			
99.11.28	3	32.269	39.17			
99.0		31.831	38.65			
1050	9.2	3.4000	+0.0244	+17.840	−0.236	28° 321
96.12.18	7	1 48 43.249	28 13 41.08			
96.12.19	7	43.189	40.85			
97.0		43.219	40.96			
1057	8.8	3.3902	+0.0237	+17.816	−0.234	— —
99. 1.26	4	1 49 18.959	27 23 4.39			
99.12.30	7	19.163	4.48			
99.5		19.061	4.44			
1059	9.5	3.3900	+0.0236	+17.799	−0.235	— —
98.12. 7	4	1 49 43.438	27 17 24.99			
98.12. 9	5	43.408	28.27			
98.12.13	3	43.430	27.51			
98.9		43.425	26.92			
1062	9.5	3.4282	+0.0259	+17.788	−0.238	29° 333
99. 1.27	7	1 50 0.503	29 58 3.66			

1068 Examined 99.11.28, 99.12.11, 99.12.16: star not found. See main catalogue

1068$^{\mathrm{b}}$	9.5	3.4295	+0.0259	+17.766	−0.240	29° 336
99.12.11	6	1 50 33.655	29 56 36.89			‖

Confirmed by Oxford photograph 03.1.14

1072	9.5	3.3714	+0.0224	+17.753	−0.237	25° 331
97.12. 9	7	1 50 52.620	25 41 26.19			
98.12.15	5	52.708	25.51			
98.4		52.664	25.85			
1073$^{\mathrm{a}}$	9.5	3.4312	+0.0259	+17.751	−0.240	— —
99.11.28	6	1 50 55.975	29 59 13.06			‖

Confirmed by Oxford photograph 03.1.14

1086	9.5	3.3720	+0.0222	+17.711	−0.239	— —
97.12.14	7	1 51 53.777	25 32 25.35			
98.12.13	4	53.956	27.05			
99. 1.24	7	53.818	23.60			
99.11.27	7	54.078	26.34			
99.0		53.907	25.58			

1096 Examined 98.12.7: star not found. See main catalogue

1116	9.5	3.4270	+0.0248	+17.511	−0.251	28° 344
97.12. 9	7	1 56 40.239	28 34 2.90			
97.12.14	7	40.126	2.74			
98.12. 7	5	40.213	2.62			
98.12. 9	5	40.359	2.87			
98.4		40.234	2.78			

1147	$9^{\mathrm{m}}.3$	$3^{\mathrm{s}}.4589$	$+0^{\mathrm{s}}.0258$	$+17''.313$	$-0''.262$	— —
97.12. 9	7	$2^{\mathrm{h}}\ 1^{\mathrm{m}}14^{\mathrm{s}}.074$				δ rejected
97.12.17	5	13.916	$29^\circ\ 48'\ 44''.02$			v.ft.
98.12. 7	5	14.067	42.36			
98.12. 9	5	14.172	43.66			
98.4: 98.6		14.057	43.35			
1158	8.7	3.4551	+0.0254	+17.229	−0.265	29° 366
96.10. 9	7	2 3 8.400	29 13 18.26			
1170	9.5	3.4382	+0.0242	+17.169	−0.267	— —
97.12.14	7	2 4 26.606	27 54 24.61			
98.12. 7	5	26.734	24.35			
98.12. 9	5	26.776	24.74			
98.6		26.705	24.57			
1183	9.2	3.3960	+0.0218	+17.073	−0.267	24° 324
97.12. 9	7	2 6 33.612	24 46 41.66			
98.12.13	5	33.647	41.89			
98.12.14	5	33.597	42.52			
98.6		33.619	42.02			
1185	9.5	3.4353	+0.0238	+17.064	−0.271	— —
97.12.17	7	2 6 45.462	27 20 1.31			
98.12.15	7	45.365	0.54			
98.12.19	7	45.503	0.22			
98.6		45.443	0.69			
1195	8.0	3.4766	+0.0259	+17.032	−0.275	29° 376 B
96.10. 9	7	2 7 26.009	29 48 36.71			d.f.
98.12. 7	5	26.072	35.82			
98.12. 9	5	26.116	36.89			
98.12.21	7	25.936	37.68			d.n.f.
98.4		26.033	36.78			
1214	9.4	3.4351	+0.0234	+16.924	−0.276	26° 377
97.12.14	7	2 9 46.031	26 50 19.73			
98.12.13	3	46.189	19.30			
98.12.14	5	46.097	20.57			
98.6		46.106	19.87			
1226	9.2	3.4282	+0.0228	+16.855	−0.278	26° 380
97.12. 9	7	2 11 13.839	26 9 53.34			
98.12. 7	4	13.736	51.84			
98.12. 9	5	13.880	52.77			
98.6		13.818	52.65			
1231	9.5	3.4337	+0.0230	+16.825	−0.280	26° 385
97.12.17	7	2 11 52.581	26 24 58.55			
98.12.15	7	52.450	57.96			
98.12.19	7	52.556	56.53			
98.6		52.529	57.68			
1238	9.4	3.4280	+0.0227	+16.797	−0.281	25° 380
98.12.21	3	2 12 27.489	25 58 9.99			
99. 1.24	3	27.397	7.98			
99. 1.26	5	27.448	10.56			
99.0		27.445	9.51			

1245	$9^{m}.1$	$3^{s}.4901$	$+0^{s}.0258$	$+16''.774$	$-0''.287$	29° 394
96.12.19	7	$2^{h}12^{m}56^{s}.013$		$29°41'49''.80$		
97. 1.25	7	55.947		46.97		
97. 1.29	5	55.949		50.15		
97.0		55.970		48.97		
1246	9.2	3.4422	+0.0233	+16.772	−0.283	26° 388
99. 1.19	7	2 12 59.351		26 46 41.69		
99. 1.25	7	59.259		41.45		
99. 1.27	7	59.269		41.62		
99.1		59.293		41.59		
1247	9.5	3.4554	+0.0240	+16.768	−0.284	— —
98.12.13	5	2 13 3.798		27 35 18.20		
98.12.14	5	3.808		19.50		
99.11.27	7	4.241		18.91		
99.3		3.949		18.87		
1260	9.3	3.4712	+0.0246	+16.702	−0.287	— —
97.12.14	7	2 14 25.503		28 20 13.30		
99. 1.24	5	25.545		11.96		
99.11.28	5	25.738		14.65		
99.0		25.595		13.30		
1267	9.2	3.4729	+0.0246	+16.674	−0.288	28° 398
98.12.21	7	2 15 0.346		28 20 31.08		
1285	9.3	3.4348	+0.0226	+16.611	−0.288	25° 393 A
98.12. 9	3	2 16 17.437		25 49 33.56		
98.12.13	5	17.455		34.64		
98.12.14	7	17.495		35.52		
98.9		17.462		34.57		
1285[a]	9.1	3.4346	+0.0226	+16.611	−0.288	25° 393 B
97.12. 9	7	2 16 17.906		25 49 1.96		‖ s. of 2:
97.12.17	7	17.768		1.53		[brighter
97.9		17.837		1.74		
1297	8.0	3.4238	+0.0218	+16.534	−0.290	24° 344
96.10. 9	7	2 17 52.309		24 55 8.98		
1300	9.3	3.4585	+0.0235	+16.527	−0.293	26° 402
97.12.14	7	2 17 59.917		27 1 26.43		
98.12.15	7	59.858		27.63		
98.12.19	7	59.877		26.61		
98.6		59.884		26.89		
1329	9.5	3.5161	+0.0259	+16.359	−0.304	29° 420
97.12. 9	7	2 21 20.420		29 51 29.74		
97.12.17	7	20.396		30.79		
98.12. 9	5	20.495		29.01		
98.12.13	5	20.401		29.27		
98.4		20.428		29.70		
1343	6.2	3.4319	+0.0217	+16.257	−0.300	24° 358
97.12.14	7	2 23 21.225		24 40 45.07		bright field
98.12.14	5	21.114		47.09		
98.12.15	5	21.096		45.63		
98.6		21.145		45.93		

1359	$9^{m}.5$	$3^{s}.4927$	$+0^{s}.0240$	$+16''.096$	$-0''.311$	27° 398
97.12. 9	7	$2^{h}26^{m}27^{s}.945$		$27°48'\ 5.37$		
97.12.17	7	27.520		7.10		
98.12. 9	5	27.929		5.25		
98.12.19	7	27.885		4.98		
98.4		27.820		5.68		
1360	9.4	3.4768	+0.0233	+16.076	−0.310	26° 426
97.12.14	7	2 26 50.498		26 51 12.71		
98.12.13	5	50.440		13.15		
98.12.15	7	50.481		13.47		
98.6		50.473		13.11		
1398	9.1	3.5158	+0.0244	+15.818	−0.322	28° 448
97.12.17	6	2 31 42.905		28 21 22.63		n. of 2
98.12.13	7	43.264		22.12		
98.12.15	7	43.201		21.81		
98.6		43.123		22.19		
1435	9.1	3.5054	+0.0230	+15.425	−0.334	26° 457
98.12. 9	5	2 38 52.351		26 53 25.46		
98.12.13	5	52.316		25.50		
98.12.15	5	52.304		25.78		
98.9		52.324		25.58		
1435[a]	9.1	3.5058	+0.0230	+15.425	−0.334	— —
98.12.21	5	2 38 53.518		26 54 22.13		‖ n. f. of 2
Confirmed by Oxford photograph 97.11.29						
1436	8.0	3.4731	+0.0217	+15.421	−0.330	25° 449
97. 1.25	7	2 38 57.677		25 7 34.26		
97. 1.29	7	57.596		34.68		
97.1		57.636		34.47		
1442	9.1	3.5069	+0.0230	+15.400	−0.334	26° 459
98.12.19	5	2 39 19.777		26 54 31.43		
99. 1.19	7	19.841		32.52		
99. 1.26	3	19.699		32.37		
99.0		19.772		32.11		
1449	9.5	3.4939	+0.0224	+15.361	−0.334	26° 462
99. 1.24	7	2 40 1.047		26 8 10.47		
99. 1.27	7	1.038		11.15		
99.1		1.042		10.81		
1450	9.5	3.4813	+0.0219	+15.359	−0.333	25° 450
99. 1.25	7	2 40 3.562		25 27 6.13		
99. 2. 1	7	3.284		7.08		
99.1		3.423		6.60		
1462	9.3	3.4742	+0.0214	+15.271	−0.335	24° 397
99. 1.26	5	2 41 37.740		24 52 56.40		
99.12.16	7	38.174		58.37		
99.12.30	7	37.923		56.56		
99.7		37.946		57.11		
1467	9.0	3.5641	+0.0250	+15.227	−0.345	29° 480
98.12.13	5	2 42 23.844		29 28 37.88		
98.12.15	5	23.652		37.15		
99.0		23.748		37.52		

1471	$8^{m}.1$	$3^{s}.4757$	$+0^{s}.0214$	$+15''.195$	$-0''.338$	24° 400
98.12.19	5	$2^{h}42^{m}57^{s}.261$		$24^{\circ}48'51''.17$		
98.12.21	5	57.177		51.35		
99 0		57.219		51.26		
1486	8.9	3.4772	+0.0212	+15.081	−0.341	24° 405
99. 1.19	5	2 44 56.030		24 40 59.01		
99. 1.24	3	55.922		58.05		
99. 1.27	5	56.061		58.01		
99.1		56.004		58.36		
1487	9.1	3.5565	+0.0243	+15.081	−0.349	28° 472
99. 1.25	5	2 44 56.246		28 47 22.04		
99. 1.26	5	56.226		22.59		
99. 2. 1	7	56.199		22.07		
99.1		56.224		22.23		
1495	9.5	3.5133	+0.0225	+15.025	−0.346	26° 479
98.12.13	3	2 45 54.178		26 29 6.14		clds.
98.12.15	3	54.166		7.28		
99.12.30	7	54.729		6.70		
99.3		54.358		6.71		
1502	9.2	3.5315	+0.0230	+14.913	−0.351	27° 454
98.12.19	7	2 47 49.314		27 11 45.74		
98.12.21	7	49.466		45.68		
99.12.16	7	49.717		46.49		
99.3		49.499		45.97		
1506	9.0	3.5034	+0.0219	+14.903	−0.348	— —
99. 1.19	5	2 48 0.433		25 44 12.42		
99. 1.24	7	0.318		11.31		
99. 1.27	7	0.208		11.78		
99.1		0.320		11.84		
1511	9.1	3.5883	+0.0253	+14.888	−0.357	— —
98.12.13	6	2 48 15.026		29 56 58.76		clds.
98.12.15	3	15.019		57.81		
99. 1.25	7	15.129		57.97		
99 1.26	7	15.091		58.62		
99.0		15.066		58.29		
1523	9.0	3.5768	+0.0244	+14.770	−0.359	29° 503
97. 1.25	7	2 50 16.326		29 9 28.89		
1545	9.2	3.5231	+0.0219	+14.551	−0.360	26° 499
98.12.15	7	2 53 55.374		26 6 37.00		
98.12.19	7	55.379		36.84		
98.12 21	7	55.446		37.04		
99. 1.19	7	55.378		37.91		
99.0		55.394		37.20		
1583	9.0	3.6152	+0.0244	+14.099	−0.381	29° 528
98.12.15	7	3 1 18.818		29 43 43 53		
98.12.19	7	18.736		44.01		
98.12.21	7	18 889		43.49		
99. 1.19	7	18.889		43.77		
99.0		18.833		43.70		
1604	$9^{m}.1$	$3^{s}.5959$	$+0^{s}.0231$	$+13''.803$	$-0''.386$	28° 506
97. 1.25	7	$3^{h}\ 6^{m}\ 1^{s}.154$		$28^{\circ}22'\ 8''.65$		
1615	9.5	3.6274	+0.0238	+13.613	−0.394	— —
98 12.15	7	3 8 59.819		29 29 14.82		
98.12.19	7	59.433		13.45		
99. 2. 1	7	59.468		14.97		
99.0		59.573		14.41		
1619	9.5	3.5306	+0.0204	+13.597	−0.384	— —
98.12.21	7	3 9 14.434		25 0 30.25		v. ft.
99. 1.27	7	14.479		29.45		v. ft.
99. 2. 3	7	14.358		29.99		
99.0		14.424		29.90		
1639	9.2	3.5533	+0.0209	+13.468	−0.389	25° 530
99. 1.25	7	3 11 14.624		25 53 53.92		
99. 1.26	7	14.684		55.30		
99. 2. 7	7	14.661		55.77		
99.1		14.656		55.00		
1640	9.2	3.5521	+0.0209	+13.459	−0.389	25° 531
99. 1.24	7	3 11 22.493		25 49 54.82		
1665	9.1	3.5425	+0.0202	+13.231	−0.394	24° 474
98.12.15	5	3 14 52.875		25 4 54.98		
98.12.19	5	52.752		55.86		
98.12.21	7	52.908		56.73		
99.0		52.845		55.86		
1678	9.4	3.6241	+0.0225	+13.079	−0.406	28° 524
99. 1.19	5	3 17 10.613		28 34 7.65		
99. 1.24	5	10.447		6.19		
99. 1.27	5	10.587		7.40		
99.1		10.549		7.08		
1685	9.4	3.5824	+0.0209	+12.970	−0.404	26° 553
98.12.15	5	3 18 48.591		26 34 45.96		
98.12.21	5	48.616		46.52		
99. 2. 1	7	48.438		46.56		
99.0		48.548		46.35		
1689	9.5	3.5891	+0.0211	+12.951	−0.405	— —
99. 1.25	5	3 19 5.268		26 51 25.32		
99. 1.26	7	5.396		26.84		
99. 2. 3	5	5.348		27.55		
99.1		5.337		26.57		
1696	9.5	3.5925	+0.0210	+12.845	−0.408	— —
99. 1.19	7	3 20 40.090		26 52 17.28		
99. 1.24	7	40.143		16.01		
99. 1.27	7	40.128		17.29		
99.1		40.120		16.86		
1706	9.5	3.5789	+0.0204	+12.748	−0.408	26° 562
98.12.15	5	3 22 6.881		26 8 41.02		
98.12.19	5	6.655		39.88		
99. 2. 3	4	6.618		42.37		v. ft.
99.0		6.718		41.09		

1716 $9^{m}.5$ $3^{s}.6304$ $+0^{s}.0218$ $+12''.648$ $-0''.416$ — —

98.12.21	5	$3^{h}23^{m}35^{s}.036$	$28^{\circ}16'\ 42''.62$	
99. 1.25	5	35.099	42.75	
99. 2. 1	7	35.008	42.64	
99.0		35.048	42.67	

1733 9.5 3.5810 +0.0201 +12.487 −0.414 — —

98. 2. 8	7	3 25 57.121	25 55 58.98	
98.12.15	5	57.124	58.66	
98.12.19	5	57.167	59.99	too ft. – 20′
98.7		57.137	59.21	

1736 9.3 3.6574 +0.0222 +12.424 −0.424 29° 575

99. 1.19	7	3 26 52.284	29 8 36.89	
99. 1.25	7	52.242	35.56	
99. 1.27	7	52.042	35.73	
99.1		52.189	36.06	

1748 9.4 3.5931 +0.0201 +12.310 −0.419 26° 578

98.12.21	7	3 28 32.019	26 15 42.84	
99. 2. 1	7	31.971	42.38	
99. 2. 3	7	31.948	44.35	
99.0		31.979	43.19	

1762 9.4 3.5984 +0.0199 +12.133 −0.423 26° 586

98. 2. 8	7	3 31 4 931	26 18 14.25	
98.12.15	7	4.915	13.02	
98.12.19	5	4.713	13.20	
98.7		4.853	13.49	

1834 9.1 3.5908 +0.0189 +11.633 −0.431 25° 609

98. 2. 8	7	3 38 10.411	25 27 38.90	
98.12.15	7	10.279	38.60	
98.12.19	7	10.226	39.42	
98.7		10.305	38.97	

1839 9.1 3.6266 +0.0198 +11.607 −0.437 26° 615

98.12.21	7	3 38 31.775	26 57 11.03	
99. 1.19	7	31.944	12.24	
99. 1.24	7	31.934	10.28	
99.0		31.884	11.18	

1866 9.2 3.5873 +0.0182 +11.301 −0.437 24° 576

98. 2. 8	7	3 42 47.759	24 59 53.20	disturbed by [carriage
98.12.15	5	47.639	52.74	
98.12.19	7	47.627	52.86	
98.7		47.675	52.93	

1879 9.3 3.6071 +0.0185 +11.193 −0.441 25° 629

98.12.21	5	3 44 17.358	25 44 16.51	
99. 1.19	7	17.582	17.25	
99. 1.25	5	17.492	17.21	
99.0		17 477	16.99	

1897 9.2 3.6325 +0.0190 +11.097 −0.446 26° 634

99. 1.24	5	3 45 36.282	26 42 28.61	s.f. of 2
99. 1.26	5	36.551	29.64	
99. 1.27	7	36.365	29.62	
99.1		36.399	29.29	

1909 $9^{m}.5$ $3^{s}.6973$ $+0^{s}.0205$ $+11''.007$ $-0''.455$ 29° 642

98. 2. 8	5	$3^{h}46^{m}50^{s}.730$	$29^{\circ}13'\ 7''.79$	
98.12.15	7	50.598	8.07	
99. 2. 1	5	50.562	7.30	
98.7		50.630	7.72	

1914 9.5 3.6739 +0.0198 +10.947 −0.453 28° 601

98.12.21	5	3 47 39.718	28 14 31.41	
99. 1.19	5	39.822	32.20	
99. 1.25	7	39.653	31.16	
99.0		39.731	31.59	

1927 Examined 99.1.24: star not found. See main catalogue

1951 9.4 3.6630 +0.0187 +10.501 −0.460 27° 615

98. 2. 8	7	3 53 42.155	27 24 36.39	
98.12.15	5	41.866	36.92	
98.12.21	5	41.895	36.80	
99. 1.19	7	42.042	36.73	
98.8		41.990	36.71	

1984 9.4 3.6755 +0.0184 +10.173 −0.466 — —

98. 2. 8	7	3 58 3.814	27 38 10.94	
98.12.15	7	3.813	11.19	
98.12.21	7	3.577	12.21	
99. 1.19	7	3.663	11.52	
98.8		3.717	11.46	

2026 9.5 3.7596 +0.0190 + 9.454 −0.487 — —

98. 2. 8	7	4 7 29.312	30 14 21.44	
98.12.15	7	29.098	21.38	
98.12.21	7	29.245	21.51	v. ft.
98.7		29.218	21.44	

2028 9.4 3.6249 +0.0159 + 9.409 −0.471 25° 687

99. 1.19	7	4 8 4.204	25 5 2.01	
99. 1.26	7	4.262	1.50	-1^{s}
99. 2. 3	7	4.258	1.67	
99.1		4.241	1.73	

2029 9.5 3.7541 +0.0187 + 9.406 −0.487 — —

99. 1.24	7	4 8 6.142	30 0 14.49	ft.
99. 1.27	7	6.207	14.29	
99. 2. 7	7	6.191	15.35	
99.1		6.180	14.71	

2032 9.5 3.7258 +0.0180 + 9.373 −0.485 28° 635

99. 1.25	3	4 8 31 872	28 56 30.93	
99. 2. 1	7	31.693	29.72	
99. 2.10	7	31.946	31.66	
99.1		31.837	30.77	

2052 9.2 3.7113 +0.0168 + 8.959 −0.488 28° 643

98. 2. 8	7	4 13 51.765	28 6 56.96	
99. 1.19	5	51.667	57.06	
99. 1.24	5	51.534	56.56	-1^{m}
98.7		51.655	56.86	

2072	$9^m.1$	$3^s.7718$	$+0^s.0176$	+ 8″.691	−0″.500	30° 662
99. 1.19	5	$4^h 17^m 16^s.098$		30° 8′ 18″.18		
99. 1.24	5	15.926		16.50		
99. 1.25	3	16.050		17.57		
99.1		16.025		17.42		
2078	9.5	3.7027	+0.0161	+ 8.588	−0.491	27° 659
98. 2. 8	7	4 18 34.823		27 33 29.88		
99. 1.26	7	34.802		29.20		
99. 1.27	7	34.737		28.97		
98.7		34.787		29.35		
2079	9.5	3.6694	+0.0152	+ 8.502	−0.488	26° 720
99. 1.25	5	4 19 39.310		26 14 51.79		
99. 2. 2	3	39.243		53.43		
99. 2. 3	7	39.179		53.29		
99.1		39.244		52.84		
2086	8.5	3.7755	+0.0170	+ 8.397	−0.503	30° 665 B
99. 1.19	5	4 20 59.249		30 5 5.88		
99. 1.24	7	59.120		4.81		
99. 2.10	7	59.131		6.12		d.n.f.
99.1		59.167		5.60		
2105	9.5	3.7399	+0.0158	+ 8.094	−0.502	— —
98. 2. 8	7	4 24 47.160		28 37 34.46		
99. 1.19	7	47.068		35.14		
99. 1.25	7	46 935		33.84		
98.7		47.054		34.48		
2108	9.5	3.7051	+0.0152	+ 8.056	−0.498	27° 664
99. 1.24	5	4 25 15.136		27 19 51.06		
99. 1.26	7	15.131		50.85		
99. 1.27	7	15.368		51.21		
99.1		15.212		51.04		
2126	8.7	3.7932	+0.0160	+ 7.676	−0.514	30° 699
98. 2. 8	7	4 29 58 982		30 16 17.63		
99. 1.19	5	58.988		17.67		
99 1.24	5	58.776		17.69		
98.7		58.915		17.66		
2144	9.1	3.7606	+0.0148	+ 7.362	−0.514	28° 681
98. 2. 8	7	4 33 51.255		28 57 53.76		
99. 1.19	7	51.186		53.81		
99. 1.24	7	51.170		53.62		
98.7		51.204		53.73		
2211	9.3	3.7077	+0.0122	+ 6.317	−0.516	26° 761
98. 2. 8	7	4 46 33.236		26 36 2.44		
98. 2.24	7	33.077		3.28		
99. 1.19	5	33.261		2.13		
98.4		33.191		2.62		
2217	9.4	3.8095	+0.0134	+ 6.269	−0.531	30° 738
98. 2.26	4	4 47 8.027		30 8 16.87		v. ft.
99. 1.24	2	7.821		23.77		too ft.
99. 1.25	5	7.568		17.08		clds. v. ft.
98.8		7.805		19.24		
2240	$9^m.5$	$3^s.8031$	$+0^s.0128$	+ 5″.993	−0″.531	— —
98. 2. 8	7	$4^h 50^m 26^s.677$		29° 48′ 17″.73		
99. 1.19	5	26.562		17.68		
99. 1.26	7	26.548		17.84		
98.7		26.596		17.75		
2250	9.0	3.7274	+0.0116	+ 5.854	−0.522	27° 716 A
98. 2.26	7	4 52 6.319		27 7 45.10		
99. 1.24	7	6.338		46.25		
99. 1.27	7	6.154		45.67		d.s.p.
98.8		6.270		45.67		
2252	9.1	3.7901	+0.0124	+ 5.846	−0.531	29° 779
98. 2.24	7	4 52 11.977		29 18 21.95		
99. 2. 2	4	11.878		20.85		clds.
99. 2. 3	5	11.890		20.78		
98.8		11.915		21.19		
2253	9.4	3.7787	+0.0123	+ 5.843	−0.530	— —
99. 1.25	7	4 52 14.676		28 55 3.80		
99. 2. 7	5	14.684		3.62		
99. 2.10	7	14.522		4.37		
99.1		14.627		3.93		
2254	8.8	3.7818	+0.0122	+ 5.811	−0.530	28° 726
97. 2.17	7	4 52 38.053		29 0 37.40		
97. 2.23	7	38.038		35.07		
97.1		38.046		36.24		
2271	8.0	3.6661	+0.0103	+ 5.511	−0.516	24° 739
98. 2. 8	7	4 56 12.099		24 47 46.13		
98. 2.26	7	12.083		45.37		
99. 1.19	5	12.012		45.72		
98.4		12.065		45.74		
2296	9.5	3.7578	+0.0109	+ 5.265	−0.531	27° 729
98. 2.24	7	4 59 7.179		27 59 11.30		
99. 1.24	5	7.197		9.92		
99. 1.26	5	7.346		10.65		
98.8		7.241		10.62		
2297	9.5	3.7160	+0.0104	+ 5.259	−0.525	26° 786
98. 2.26	4	4 59 10.475		26 30 56.59		
99. 1.19	4	10.643		56.42		
99. 1.27	5	10.405		57.44		
98.8		10.508		56.82		
2316	8.5	3.7565	+0.0105	+ 5.029	−0.532	27° 732 B
98. 3. 1	7	5 1 54.719		27 52 18.52		
98. 3. 2	7	54.687		19.06		d.n.f.
99. 2. 2	5	54.668		18.46		
98.5		54.691		18.68		
2326	9.0	3.6670	+0.0094	+ 4.954	−0.520	24° 770
98. 2.24	7	5 2 47.037		24 39 29.22		
99. 1.24	7	46.995		27.73		
99. 1.26	7	47.043		27.18		
98.8		47.025		28.04		

2339	$9^{m}.5$	$3^{s}.7455$	$+0^{s}.0101$	$+\,4''.870$	$-0''.532$	27° 736
98. 2.26	7	$5^{h}\;3^{m}\,47^{s}.047$		$27°\,26'\;4''.82$		
99. 1.27	7	47.007		4.73		
99. 2. 3	7	46.888		4.65		
98.8		46.981		4.73		
2368ª	9.0	3.6755	+0.0089	+ 4.527	−0.524	— —
98. 2.26	5	5 7 49.203		24 51 2.82		‖ v. ft.
99. 1.24	3	48.942		3.14		too ft.
99. 1.25	3	49.040		4.64		
98.8		49.062		3.53		
2370	No star in place: see main catalogue					
2387	9.5	3.7830	+0.0096	+ 4.423	−0.540	— —
98. 2.24	7	5 9 1.358		28 35 36.24		
98. 3. 2	7	1.451		35.27		
99. 1.26	7	1.513		35.38		
98.5		1.441		35.63		
2397	9.2	3.7899	+0.0093	+ 4.305	−0.542	— —
98. 2.26	5	5 10 24.746		28 47 39.25		
98. 3. 1	7	24.423		39.63		
99. 1.25	3	24.358		38.45		$+1^{s}$
98.5		24.509		39.11		
2431	9.1	3.6832	+0.0079	+ 3.902	−0.528	24° 824
97. 2.17	3	5 15 7.423		24 58 44.65		
97. 2.18	7	7.384		45.54		
97. 2.20	7	7.412		45.87		
97. 2.23	7	7.270		46.03		
97.1		7.372		45.52		
2444	9.3	3.8050	+0.0085	+ 3.732	−0.547	29° 884
98. 2.26	7	5 17 6.203		29 9 13.25		
99. 1.24	5	5.979		13.07		
99. 1.25	5	6.040		13.52		
98.8		6.074		13.28		
2455	7.0	3.8424	+0.0085	+ 3.588	−0.553	30° 894
98. 2.24	7	5 18 46.716		30 21 8.31		
99. 1.26	7	46.694		8.42		
99. 1.27	7	46.594		8.46		
98.8		46.668		8.40		
2465	9.5	3.7388	+0.0078	+ 3.552	−0.538	26° 818
98. 3. 2	7	5 19 11.151		26 51 56.59		
99. 2. 2	7	11.075		56.62		
99. 2. 3	7	11.041		56.39		
98.8		11.089		56.53		
2469	9.2	3.7968	+0.0079	+ 3.430	−0.547	28° 804
98. 2 26	7	5 20 36.014		28 48 51.28		
99. 1.24	5	35.796		52.66		
99. 1.25	5	35.935		52.18		
98.8		35.915		52.04		

2491	$9^{m}.5$	$3^{s}.7563$	$+0^{s}.0071$	$+\,3''.136$	$-0''.543$	27° 785
97. 2.17	6	$5^{h}24^{m}\;0^{s}.414$		$27°\,23'\;2''.50$		
97. 2.18	7	0.352		3.72		
97. 2.20	7	0.437		1.88		
97. 2.23	5	0.386		2.61		
97.1		0.397		2.68		
2493	9.5	3.7583	+0.0071	+ 3.117	−0.543	27° 786
98. 2.26	7	5 24 13.938		27 27 8.30		
98. 3. 2	7	14.050		8.75		
99. 1.24	5	13.843		8.65		
98.5		13.944		8.57		
2498	7.2	3.7421	+0.0069	+ 3.080	−0.541	26° 835
99. 2. 2	7	5 24 39.314		26 53 13.20		
99. 2. 3	7	39.322		13.10		bright field
99. 2. 7	7	39.343		13.62		
99. 2.22	7	39.238		13.38		bright field
99.1		39.304		13.32		
2518	9.2	3.8109	+0.0070	+ 2.916	−0.551	29° 932
98. 2.24	7	5 26 32.941		29 10 48.89		s.p. of 2
98. 3. 5	5	32.774		45.97		
99. 1.26	5	33.020		49.61		
98.5		32.912		48.16		
2529	9.5	3.8413	+0.0071	+ 2.846	−0.556	— —
98. 2.26	5	5 27 21.473		30 9 35.79		
99. 1.24	5	21.204		36.17		
99. 1.27	5	21.270		36.71		
98.8		21.316		36.22		
2550	9.1	3.7801	+0.0065	+ 2.695	−0.547	28° 831
98. 2.18	7	5 29 7.141		28 7 4.67		
98. 3. 2	7	7.278		3.33		
99. 2. 2	7	7.096		3.46		
98.5		7.172		3.82		
2553	9.2	3.7185	+0.0060	+ 2.637	−0.539	25° 886
98. 3. 1	7	5 29 46.048		25 59 40.22		
98. 3. 5	4	45.895		39.50		
99. 1.26	5	45.979		41.73		
98.5		45.974		40.48		
2561	9.3	3.7769	+0.0062	+ 2.549	−0.548	27° 820
98. 2.24	7	5 30 47.251		27 59 18.54		
99. 1.27	5	46.999		17.14		
99. 2. 3	7	46.909		17.65		
98.8		47.053		17.78		
2564	9.5	3.6886	+0.0057	+ 2.543	−0.535	24° 898
98. 2.26	5	5 30 51.220		24 55 32.16		
99. 1.24	5	50.937		31.37		
99. 2.11	7	51.128		31.46		
98.8		51.095		31.66		
2567	6.8	3.7348	+0.0059	+ 2.516	−0.541	26° 884
99. 3. 9	3	5 31 10.076		26 32 34.17		
99. 3.10	3	9.960		34.48		
99. 3.11	3	9.959		33.54		
99.2		9.998		34.06		

2588	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.7793$	$+0^{\mathrm{s}}.0058$	$+ 2''.343$	$-0''.548$	28° 847
	98. 3. 1	5	$5^{\mathrm{h}}\,33^{\mathrm{m}}\,9^{\mathrm{s}}.764$	$28^\circ\;2'\;14''.78$		
	99. 1.26	5	9.762	14.65		
	99. 2.25	7	9.687	13.58		
	98.8		9.738	14.34		
2590	9.4	3.7602	+0.0057	+ 2.331	−0.546	27° 836
	98. 2.18	7	5 33 17.762	27 23 18.36		
	99. 2. 2	7	17.721	17.42		
	99. 2.28	7	17.741	17.15		
	98.8		17.741	17.64		
2596	9.3	3.7671	+0.0056	+ 2.298	−0.547	27° 838
	98. 3. 2	7	5 33 40.711	27 37 2.02		
	99. 2.17	7	40.628	2.64		
	99. 3. 2	7	40.644	2.47		
	98.8		40.661	2.38		
2598	8.0	3.7360	+0.0055	+ 2.285	−0.542	26° 903
	99. 3. 9	7	5 33 49.235	26 32 54.29		
	99. 3 10	7	49.438	53.38		
	99. 3.11	7	49.497	53.12		
	99.2		49.390	53.60		
2602	9.3	3.7034	+0.0053	+ 2.274	−0.538	25° 919
	98 3. 5	7	5 33 57.008	25 25 0.17		
	99. 2. 3	5	57.089	1.85		
	99. 3. 7	7	57.019	1.56		
	98.8		57.039	1.19		
2613ᵃ	9.4	3.8412	+0.0059	+ 2.242	−0.558	— —
	99. 1.24	7	5 34 19.935	30 3 46.89		‖
	99. 1.27	5	20.067	46.99		n.p. of 2
	99. 2.21	6	19.902	47.17		v.ft.
	99.1		19.968	47.02		
2614	9 5	3.8407	+0.0059	+ 2.238	−0.557	30° 982
	98. 2.24	7	5 34 21.959	30 2 40.22		s.f. of 2: v.ft.
	99. 2.22	7	21.960	41.60		s.f. of 2
	99. 2.24	4	22.036	40.96		
	98.8		21.985	40.93		
2640	9.3	3.7323	+0.0051	+ 2.097	−0.543	26° 926
	98. 2.26	7	5 35 59.491	26 24 6.10		
	99. 2. 2	3	59.338	6.24		
	99. 2.11	7	59.207	6.37		
	98.8		59.345	6.24		
2664	9.4	3.7058	+0.0049	+ 1.959	−0.539	25° 957
	98. 2.18	7	5 37 33.761	25 27 37.00		
	98. 3. 5	5	33.863	34.21		
	99. 1 26	5	33.697	34 89		
	98.5		33.774	35.37		
2681	9.3	3.7051	+0.0047	+ 1.869	−0.539	25° 969
	98. 2.24	7	5 38 36.375	25 25 37.95		
	99. 1.24	7	36.414	36.35		
	99. 1.27	7	36.591	36.08		
	98.8		36.460	36.79		
2691	$9^{\mathrm{m}}.3$	$3^{\mathrm{s}}.7233$	$+0^{\mathrm{s}}.0046$	$+ 1''.799$	$-0''.541$	26° 953
	98. 3. 2	7	$5^{\mathrm{h}}\,39^{\mathrm{m}}\,24^{\mathrm{s}}.603$	$26^\circ\;3'\;15''.23$		
	99. 2. 3	7	24.445	16.43		
	99. 2.10	7	24.327	15.99		
	98.8		24.458	15.88		
2703	9.5	3.8049	+0.0048	+ 1.725	−0.553	— —
	98. 2.26	7	5 40 15.275	28 48 45.96		
	99. 2. 2	5	15.247	46.79		
	99. 2.17	7	15.146	45.64		
	98.8		15.223	46.13		
2711	9.3	3.7869	+0.0046	+ 1.651	−0.551	28° 904
	98. 2.18	2	5 41 6.185	28 12 27.32		
	98. 3. 1	7	6.065	26.97		
	99. 1.26	5	6.000	26 93		
	98.5		6.083	27.07		
2795	9.5	3.8402	+0.0035	+ 1.024	−0.560	29° 1043
	98. 2.18	7	5 48 16.951	29 54 19 60		
	98. 3. 2	7	17.167	19.66		
	99. 1.24	3	16.914	18.98		
	98.5		17.011	19.41		
2801ᵃ	9.5	3.7031	+0.0032	+ 0.974	−0.539	— —
	99. 1.26	7	5 48 52.240	25 17 11.81		‖
	Confirmed by Oxford photograph 94.1.23					
2802	9.5	3.7034	+0.0032	+ 0.961	−0.540	25° 1039
	98. 2.24	1	5 49 0 326	25 17 54.09		
	98. 3. 5	7	0.027	54.27		
	98.2		0.176	54.18		
2809	9.3	3.7704	+0.0032	+ 0.912	−0.549	27° 926
	98. 2.26	7	5 49 34.247	27 36 2.99		
	99. 1.27	7	34.202	2.96		
	99. 2. 1	7	33.942	3.07		
	98.8		34.130	3.01		
2816	9.2	3.7285	+0.0031	+ 0.861	−0.544	26° 1015
	98. 3. 1	7	5 50 9.362	26 9 55.80		
	99. 2. 2	6	9.368	57.72		clds. bad
	99. 2. 3	7	9.371	58.76		
	98.8		9.367	57.43		
2820	9.2	3.8167	+0.0031	+ 0.847	−0.556	29° 1057
	98. 3. 2	2	5 50 18.496	29 7 53.96		
	99. 1.24	4	18.311	52.02		
	99. 2.10	7	18.454	53.21		
	98.8		18.420	53.06		
2872	9.1	3.8300	+0.0026	+ 0.513	−0.559	29° 1077
	98. 2.18	7	5 54 7.796	29 33 11.15		
	98. 3. 5	7	7.631	12.49		
	99. 1.24	7	7.835	13.54		
	98.5		7.754	12 39		
2876	9.4	3.6892	+0.0024	+ 0.490	−0.538	24° 1069
	98. 2.24	7	5 54 23.748	24 46 44.28		
	98. 3. 2	3	23.948	44.81		
	99. 1.26	7	23.875	44.38		
	98.5		23.857	44.49		

2879	$9^{\rm m}.3$	$3^{\rm s}.7990$	$+0^{\rm s}.0025$	$+0''.467$	$-0''.554$	28° 987
98. 2.26	7	$5^{\rm h}54^{\rm m}39^{\rm s}.913$		$28^\circ 31' 47''.96$		
99. 1.27	3	39.718		48.21		
99. 2. 1	3	39.785		47.76		
98.8		39.805		47.98		
2902	9.4	3.6908	+0.0022	+0.355	−0.538	24°1078
97. 2.17	7	5 55 56.491		24 49 48.07		
2910	8.7	3.6880	+0.0022	+0.321	−0.538	24°1079
98. 3. 1	7	5 56 19.440		24 43 57.59		
99. 2. 2	5	19.329		57.71		
99. 2. 3	7	19.482		57.95		
98.8		19.417		57.75		
2917	9.5	3.8282	+0.0021	+0.262	−0.558	— —
98. 3. 2	7	5 57 0.306		29 29 16.40		
99. 1.27	5	0.347		17.53		
99. 2. 1	5	0.191		16.44		
98.8		0.281		16.79		
2941	9.4	3.7062	+0.0019	+0.142	−0.541	25°1116
97. 2.18	7	5 58 22.490		25 22 13.59		clds.
97. 2.20	7	22.489		12.28		v. ft.
97. 2.23	7	22.359		12.42		
97.1		22.446		12.76		
2956	9.2	3.7386	+0.0018	+0.060	−0.545	26°1080
98. 2.18	7	5 59 18.710		26 29 39.55		
98. 3. 5	7	18.565		38.59		
99. 1.26	5	18.710		38.74		
98.5		18.662		38 96		
2966	8.9	3.8125	+0.0016	+0.003	−0.556	28°1018 B
98. 2.24	7	5 59 57.986		28 58 25.40		
98. 3. 1	5	57.862		25.74		d. n. f.
99. 1.27	5	57.678		24.76		
98.5		57.842		25.30		
2969	9.5	3.8448	+0.0016	−0.014	−0.561	30°1118
98. 2.26	7	6 0 8.862		30 1 28.50		only star seen
99. 2. 1	5	8.793		29.57		
99. 2. 2	5	8.812		29.97		
98.8		8.822		29.35		
2981	8.8	3.7386	+0.0015	−0.063	−0.545	26°1094
97. 2.17	5	6 0 43.239		26 30 32.97		bright star
97. 2.23	1	43.201		29.49		[$20^{\rm s}$ p.
97. 2.26	4	43.360		29.97		
97.1		43 267		30.81		
2992	Examined 99.3.1: star not found					
3002	9.0	3.8019	+0.0012	−0.174	−0.554	28°1029
99. 1.24	7	6 1 59.015		28 37 27.17		
99. 2. 3	5	59.178		26.16		
99. 2.10	3	59.073		26.51		
99.1		59.089		26.61		

3008	$9^{\rm m}.3$	$3^{\rm s}.7018$	$+0^{\rm s}.0013$	$-0''.219$	$-0''.541$	25°1140
99. 1.26	3	$6^{\rm h}\ 2^{\rm m}29^{\rm s}.811$		$25^\circ 33' 55''.20$		
99. 2.17	7	29.822		55.61		
99. 2.21	7	29.799		58.21		
99.1		29.811		56.34		
3021	9.5	3.7106	+0.0012	−0.308	−0.541	25°1150
98. 2.18	7	6 3 29.400		25 31 28.88		
99. 1.27	5	29.356		29.17		
99. 2. 1	5	29.431		27.97		
98.8		29.396		28.67		
3032	9.5	3.7112	+0.0010	−0.348	−0.541	— —
98. 2.24	7	6 3 58.132		25 32 58.13		
99. 2. 2	4	58.104		57.38		clds:
99. 2.22	7	58.036		57.94		
98.8		58.091		57.82		
3035	9.0	3.8425	+0.0009	−0.353	−0.560	29°1139
98. 2.26	7	6 4 1.898		29 57 8.66		
99. 2.24	7	1.952		9.40		
99. 2 25	7	1.942		8.83		
98.8		1.931		8.96		
3038	9.5	3.8057	+0.0009	−0.388	−0.555	28°1040
98. 3. 1	7	6 4 25.375		28 45 10.93		
99. 2.10	7	25.421		9.43		
99. 2.28	7	25.682		9.69		
98.8		25.493		10.02		
$3070^{\rm a}$	9.3	3.7607	+0.0004	−0.699	−0.548	27°1035 A
98. 2.24	7	6 7 58.902		27 15 44.72		‖ d.n.
99. 2. 2	7	58.935		45.55		
98.6		58.918		45.14		
3071	9.3	3.7607	+0.0004	−0.699	−0 548	27°1035 B
98. 3. 2	7	6 7 59.113		27 15 37.05		d. s.
99. 2. 1	7	58.969		36.27		d. s.
98.6		59.041		36.66		
3074	9.1	3.8441	+0.0002	−0.706	−0.560	30°1169
98. 3. 1	7	6 8 3.918		30 0 47.90		
99. 2.17	7	4.064		49.25		−10′
99. 2.21	7	4.001		50.00		
98.8		3.994		49.05		
3084	9.5	3.8372	+0.0001	−0.747	−0.559	29°1162
98. 2.26	7	6 8 32.271		29 47 33.35		
99. 2.10	7	32.003		33.36		
99. 3. 1	7	32.210		33.45		
98.8		32.161		33.39		
3100	10.0	3.7175	+0.0001	−0.861	−0.541	— —
99. 2.25	7	6 9 50.220		25 47 3.38		
99. 2.28	7	50.150		1.63		
99. 3. 7	7	50.262		4.20		
99.2		50.211		3.07		

3101	$9^m.3$	$3^s.7594$	$+0^s.0001$	$-0''.862$	$-0''.547$	27°1048
99. 2.22	7	$6^h\ 9^m 50^s.826$		$27°\ 13'\ 25''.77$		
99. 2.24	7	51.007		26.07		
99. 3. 2	7	50.813		25.73		
99.2		50.882		25.86		
3143	9.5	3.7441	−0.0003	− 1.115	−0.545	26°1186
98. 2.24	7	6 12 44.824		26 42 51.96		
98. 3. 2	7	44.977		51.94		
99. 2. 1	7	44.805		50.68		
98.5		44.869		51.53		
3154	9.3	3.8337	−0.0006	− 1.163	−0.558	29°1191
98. 2.26	7	6 13 18.215		29 42 19.49		
99. 2. 2	7	18.108		19.87		
99. 2.10	7	18.216		19.89		
98.8		18.180		19.75		
3172	9.0	3.7464	−0.0006	− 1.279	−0.544	26°1200
97. 2 17	6	6 14 37.657		26 48 18.19		
97. 2.20	7	37.661		18.02		
97. 2.23	7	37.605		17.92		
97. 2.26	7	37.602		18.49		
97.1		37.631		18.16		
3184	9.5	3.6984	−0.0006	− 1.346	−0.537	25°1241
98. 3. 1	7	6 15 23.325		25 8 41.83		
99. 2.17	7	23.422		42.77		
99. 2.21	7	23.236		43.17		
98.8		23.328		42.59		
3188	9.5	3.8130	−0.0010	− 1.361	−0.554	29°1206
98. 3. 2	4	6 15 33.323		29 2 53.89		
99. 2.22	7	33.334		52.80		
99. 2.24	7	33.459		53.44		
98.8		33.372		53.38		
3209	9.5	3.8180	−0.0013	− 1.504	−0.555	— —
98. 2.24	7	6 17 11.425		29 13 16.42		v. ft.
98. 2.26	7	11.592		14.18		v. ft.
99. 2 1	5	11.521		13.94		
98.5		11.513		14.85		
3225	8.9	3.6875	−0.0010	− 1.627	−0.535	24°1263
99. 3. 2	7	6 18 36.553		24 47 3.80		
99. 3. 7	7	36.563		4.26		
99. 3.18	1	36.461		4.36		
00. 3.12	5	36.586		2.81		
99.4		36.541		3.81		
3227	9.1	3.7735	−0.0014	− 1.655	−0.548	27°1106
98. 3. 1	5	6 18 55.902		27 45 34.60		
99. 2. 2	7	55.955		34.79		
99. 2.10	7	56.112		34.52		
98.8		55.990		34.64		

3244 Not observed owing to an error in the N.P.D. given in the working list. Shewn on Oxford photographs.

3245^a	$9^m.3$	$3^s.7505$	$-0^s.0014$	$-1''.745$	$-0''.544$	— —
98. 3. 2	5	$6^h 19^m 58^s.094$		$26°\ 59'\ 11''.49$		‖ a star p.
99. 2.28	7	58.275		12.40		[about 3′ s.
98.7		58.184		11.94		
3251	9.4	3.8348	−0.0019	− 1.782	−0.556	— —
98. 3.11	6	6 20 23.251		29 47 43.40		
98. 3.12	7	23.067		45.03		
99. 2.17	5	23.171		45.37		
98.5		23.163		44.60		
3252	9.4	3.7812	−0.0016	− 1.793	−0.548	— —
98. 2.26	5	6 20 30.713		28 1 53.92		
99. 2. 1	7	30.474		55.91		
99. 2.24	7	30.659		56.27		
98.8		30.615		55.37		
3264	9.3	3.7803	−0.0017	− 1.848	−0.548	28°1132
98. 2.24	7	6 21 8.940		28 0 23.28		
99. 2.22	7	9.000		22.79		s.f. of 2
99. 2.25	7	8.939		22.62		
99. 3. 1	7	9.091		22.13		
98.9		8.992		22.70		
3265	8.7	3.7535	−0.0016	− 1.862	−0.543	27°1124
97. 2.17	7	6 21 18.547		27 5 50.32		
97. 2.20	7	18.493		49.34		
97. 2.23	7	18.436		49.19		
97.1		18.492		49.62		
3293	9.3	3.7653	−0.0020	− 2.043	−0.545	27°1138
98. 3. 2	5	6 23 23.007		27 31 30.28		
99. 2.10	5	23.038		31.47		
99. 2.17	5	23.103		30.83		
98.8		23 049		30.86		
3306	9.3	3.7660	−0.0023	− 2.190	−0.545	— —
98. 2.26	6	6 25 3.597		27 33 45.85		p. of 2
98. 3.12	5	3.580		43.36		p. of 2
99. 2. 1	5	3.444		45.44		
98.5		3.540		44.88		
3325	9.5	3.7636	−0.0024	− 2.278	−0.544	27°1147
97. 2.20	5	6 26 4.811		27 29 41.36		p. of 2 (20^s)
97. 2.23	4	4.892		39.65		p. of 2 : v. ft.
97.1		4.852		40.50		
3333	9.5	3.7703	−0.0025	− 2.321	−0.545	— —
98. 3.11	7	6 26 34.804		27 42 50.07		
99. 2. 2	5	34.556		50.41		
99. 2.10	4	34.721		51.10		
99. 2.28	7	34.876		51.56		
98.9		34.739		50.78		
3348	8.9	3.7711	−0.0028	− 2.448	−0.545	27°1162
98. 3. 2	7	6 28 2.659		27 46 31.33		
99. 2.17	7	2.578		31.17		
99. 3. 1	7	2.674		30.07		
98.8		2.637		30.86		

3357	$9^{m}5$	$3^{s}7142$	$-0^{s}0026$	− 2″519	−0″536	25°1337
	99. 2. 1	7	$6^{h}\,28^{m}\,51^{s}926$		25° 49′ 50″82	
	99. 2.22	7	52.043		52.54	
	99. 3. 2	7	52.150		51.71	
	99.1		52.040		51.69	
3358	9.3	3.7587	−0.0029	− 2.520	−0.542	— —
	98. 3.12	7	6 28 52.394		27 21 42.74	
	99. 2.24	7	52.419		44.92	
	99. 3. 7	7	52.230		45.34	
	98 8		52.348		44.33	
3363	9.5	3.7093	−0.0026	− 2.553	−0.536	— —
	99. 2.21	7	6 29 14.726		25 39 32 42	
	99. 2.25	5	14.723		29.22	
	99. 3. 9	7	14.967		32.35	
	99.2		14.805		31.33	
3372	6.7	3.6818	−0.0025	− 2.599	−0.532	24°1328
	99 3.14	7	6 29 47.284		24 41 32.67	bright field
	99. 3.15	7	47.321		33.53	bright field
	99. 3.16	7	47.317		33.21	bright field
	99. 3.17	7	47.244		34.10	
	99. 3.18	7	47.302		33.24	− 5′
	99 2		47.294		33.35	
3374	9.5	3.8383	−0.0035	− 2.603	−0.554	30°1279
	99. 2.10	3	6 29 49.574		30 1 27.39	
	99. 2.28	5	49.628		28.18	
	99. 3.10	7	49.607		27.87	
	99.2		49.603		27.81	
3378	9.3	3.6953	−0.0027	− 2.647	−0.534	25°1350
	98. 3.11	7	6 30 20.055		25 10 46.98	
	99. 2. 2	7	19.926		48.54	
	99 3.11	7	19.970		48.36	
	98.8		19.984		47.96	
3421	9.5	3.8013	−0.0038	− 2.893	−0.547	28°1205
	98. 3. 2	7	6 33 10.621		28 51 34.77	
	98. 3.12	7	10.572		34.10	
	99. 2.10	5	10.544		34.91	
	98.5		10.579		34.59	
3448	9.3	3.7333	−0.0036	− 3.051	−0.537	26°1331
	98. 3.11	7	6 34 59.744		26 34 38.87	
	99. 2.17	7	59.667		39.47	
	99. 2.22	7	59.701		40.09	
	98.8		59.704		39.48	
3458	9.3	3.7612	−0.0039	− 3.139	−0.540	27°1210
	99. 2.21	5	6 36 1.322		27 33 17.80	n. f. of 2
	99. 2.24	5	1.665		17.77	
	99. 2.25	7	1.407		17.00	
	99.1		1.465		17.52	
3466^{a}	9.5	3.8146	−0.0045	− 3.221	−0.548	— —
	99. 2.10	5	6 36 58.252		29 21 34.01	‖

Confirmed by Oxford photograph 96.1.28

3468	$9^{m}4$	$3^{s}8148$	$-0^{s}0045$	− 3″239	−0″547	29°1329
	98. 3. 2	7	$6^{h}\,37^{m}\,9^{s}753$		29° 22′ 11″73	
	99. 2.28	5	9.809		12.11	
	99. 3. 7	5	9.795		11.85	
	98.8		9.786		11.90	
3479	9.2	3.7109	−0.0039	− 3.312	−0.532	25°1417
	98. 3.12	7	6 38 1.416		25 50 42.92	
	99. 3. 1	7	1.355		42.86	
	99. 3. 2	7	1.433		43.32	
	98.8		1.401		43.03	
3497	9.5	3.7584	−0.0045	− 3.476	−0 538	27°1229
	98. 3.11	7	6 39 55.285		27 31 37.06	
	99. 2.17	5	55.188		36.61	
	99. 2.25	7	55.215		37.79	
	98.8		55.229		37.15	
3499	9.5	3.7882	−0.0048	− 3.487	−0.543	28°1236
	99. 2.21	5	6 40 3.057		28 32 11.19	
	99. 2.22	3	3.097		11.46	
	99. 2.24	3	3.277		11.60	
	99.1		3.144		11.42	
3506	9.5	3.7401	−0.0045	− 3.542	−0.536	26°1359
	98. 3. 2	7	6 40 41.228		26 54 30.31	
	99. 2.10	5	41.377		30.68	
	99. 3. 7	5	41.294		31.64	
	98.8		41.300		30.88	
3514	9.1	3.8118	−0.0052	− 3.616	−0.545	29°1357
	98. 2.26	7	6 41 32.804		29 21 10.31	
	99. 2.28	5	32.722		11.80	
	99. 3.14	5	32.786		10.63	
	98.8		32.771		10.91	
3522	9.5	3.7767	−0.0050	− 3.680	−0.540	28°1253
	98. 3.12	7	6 42 17.716		28 11 34.24	
	99. 3. 9	5	17.546		34.27	
	99. 3.15	3	17.902		33.57	
	98.9		17.721		34.03	
3526	No star in place: see main catalogue					
3526^{b}	9.4	3.8242	−0.0055	− 3.711	−0.546	29°1367
	99. 3. 1	5	6 42 39.397		29 46 49.21	‖
	99. 3.10	5	39.340		48.90	v. ft.
	99. 3.16	5	39.551		49.23	
	99.2		39.429		49.11	
3527	9.5	3.7762	−0.0051	− 3.712	−0.540	— —
	99 3. 2	5	6 42 39.600		28 11 8.67	
	99. 3.11	7	39.405		9.27	
	99.2		39.502		8.97	
3531	9.5	3.7642	−0.0050	− 3.732	−0.538	27°1244
	99. 2.22	5	6 42 53.480		27 46 47.20	
	99. 2.24	5	53.357		46.50	
	99.1		53.418		46.85	

3538^a 9^m5 3^s7604 -0^s0050 − $3''779$ $-0''537$ 27°1247
98. 3.10 4 $6^h43^m27^s018$ 27° 39′ $26''74$ || n. p. of 2
Confirmed by Oxford photograph 00.1.17

3540 9.5 3.7597 −0.0051 − 3.786 −0.537 — —
98. 3.11 7 6 43 31.703 27 38 18.62 s. f. of 2
99. 2.17 5 31.543 18.67
99. 2.21 5 31.546 20.42
98.8 31.597 19.24

3553 9.3 3.7250 −0.0050 − 3.875 −0.532 26°1377
98. 3. 2 7 6 44 33.245 26 27 31.76 s. of 2
99. 2.10 5 33.386 31.75
99 3. 7 3 33.305 33.11 v. ft.
98.8 33.312 32.21

3557 9.5 3.8017 −0.0057 − 3.899 −0.542 29°1384
99. 2.25 7 6 44 50.764 29 4 53.86
99. 3.15 5 50.785 56.44
99.2 50.774 55.15

3558 9.5 3.8027 −0.0057 − 3.902 −0.542 29°1385
99. 2.28 5 6 44 52.254 29 7 8.51
99. 3.14 5 52.317 7.63
99.2 52.286 8.07

3569 9.5 3.7868 −0.0057 − 3.994 −0.539 28°1270
98. 2.26 7 6 45 56.747 28 36 39.87
99. 3. 9 5 56.767 41.47
99. 3.17 7 56.768 41.39
98.8 56.761 40.91

3570 9.2 3.8201 −0.0060 − 3.998 −0.544 29°1392
98. 3.12 7 6 45 59.831 29 43 14.86
99. 3. 1 5 60.060 14.58
99. 3.16 5 60.252 15.08
98.9 60.048 14.84

3572 9.5 3.6822 −0.0048 − 4.014 −0.525 24°1436
99. 2.24 7 6 46 10.743 24 58 7.30
99. 3. 2 7 10.679 6.79
99. 3.10 5 10.507 7.40 v. ft.
99.2 10.643 7.16

3573^a 9.4 3.6815 −0.0048 − 4.022 −0.525 24°1439
99. 2.22 5 6 46 16.572 24 56 39.48 || s. f. of 2:
Confirmed by Oxford photograph 94.1.23 [many in field

3583 9.3 3.7930 −0.0060 − 4.093 −0.539 28°1274
99. 2.17 5 6 47 6.180 28 50 35.88
99. 2.21 5 6.242 37.20
99. 3. 7 7 6 316 36.60
99.1 6.246 36.56

3586 9.4 3.6834 −0.0050 − 4.114 −0.524 25°1493
98. 3.10 2 6 47 20.763 25 2 3.42 too ft.
98. 3.11 7 20.972 4.65 no star p.
99. 3.11 7 21.012 4.24
98.5 20.916 4.10

3608^a 9^m5 3^s7853 -0^s0061 − $4''227$ $-0''538$ — —
98. 3. 2 7 $6^h48^m40^s192$ 28° 37′ $2''88$ ||
Confirmed by Oxford photograph 00.1.17

3610 9.5 3.7844 −0.0062 − 4.247 −0.537 28°1282
99. 2.10 5 6 48 54.055 28 35 31.69 s. f. of 2
99. 2.25 5 53.978 31.00
99. 2.28 7 54.146 32.04
99.1 54.060 31.58

3615 7.0 3.6759 −0.0052 − 4.285 −0.522 24°1470
99. 3. 2 2 6 49 20.840 24 48 13.19
99. 3. 9 7 20.950 14.09 bright field
99. 3.16 7 20.992 13.04 [v. unsteady
99.2 20.927 13.44

3618 9.3 3.7330 −0.0057 − 4.296 −0.530 26°1400
98. 3.11 1 6 49 28.560 26 50 18.45
98. 3.12 7 28.212 18.56
99. 3. 1 7 28.433 18.83
98.5 28.402 18.61

3625 9.5 3.7794 −0.0063 − 4.361 −0.536 — —
98. 2.26 7 6 50 14.563 28 27 8.41
99. 2.17 3 14.346 9.73
99. 2.21 4 14.113 9.39
98.8 14.341 9.18

3659 9.5 3.6968 −0.0058 − 4.562 −0.523 25°1530
98. 3. 2 7 6 52 35.506 25 37 37.22
99. 2.22 5 35.492 37.74
99. 2.24 5 35.588 37.94
98.8 35.529 37.63

3666 8.7 3.7635 −0.0066 − 4.599 −0.532 28°1290
98. 3.10 4 6 53 2.148 27 58 31.76 no star f.
Observed in seeking 3675

3675 9.3 3.7635 −0.0066 − 4.637 −0.532 — —
98. 3.11 7 6 53 28.618 27 59 21.89 v. ft.
99. 2.25 2 28.607 18.19
98.7 28.612 20.04

3690^a 9.3 3.7610 −0.0068 − 4.722 −0.531 — —
98. 2.26 7 6 54 28.219 27 55 36.27
98. 3.12 7 28.223 36.11 only one star
99. 2 17 5 28.265 36.90
98.5 28.236 36.43
The Z.C. place of 3686 is 1 int. wrong: corrected reduction gives
77. 2. 2 2 6 54 28.256 27 55 36.06 + 1 int.

3694 9.3 3.7103 −0.0064 − 4.791 −0.524 26°1438
99. 2.21 7 6 55 16.826 26 10 22.03
99. 2.28 7 16.918 20.71
99. 3. 1 7 16.913 20.32
99.2 16.886 21.02

3695	$6^{\mathrm{m}}3$	$3^{\mathrm{s}}8077$	$-0^{\mathrm{s}}0074$	− 4″814	−0″536	29°1441
97. 2.23	7	$6^{\mathrm{h}}55^{\mathrm{m}}33^{\mathrm{s}}902$	29° 32′ 21″00			
97. 3.12	7	33.943	21.86			
97.2		33.922	21.43			
3707	9.4	3.7792	−0.0072	− 4.840	−0.532	28°1299
99. 2.22	5	6 55 51.754	28 35 12.76			
99. 2.24	5	51.611	11.90			
99. 3. 2	7	51.730	11.19			
99.2		51.698	11 95			
3720	9.4	3.6925	−0.0064	− 4.920	−0.520	25°1563
98. 3. 2	7	6 56 48.256	25 34 32 06			
99. 2.25	4	48.103	32.09			
99. 3. 7	7	48.261	32.58			
98.8		48.207	32.24			
3730	9.0	3.6735	−0.0064	− 5.004	−0.517	24°1521
98. 2.26	5	6 57 47.739	24 54 49.01			
98. 3.10	7	47.526	48.14			
98. 3.11	7	47.564	48.67			
98.2		47.610	48.61			
3733	8.9	3.7660	−0.0074	− 5.045	−0.530	28°1309
97. 3.18	7	6 58 16.730	28 10 60.04			
97. 3.19	7	16.921	59.46			
97.2		16.826	59.75			
3743	9.1	3.7994	−0.0080	− 5.156	−0.533	29°1458
98. 3.12	7	6 59 35.493	29 22 11.21			
98. 3.18	3	35.583	12.73			
98. 3 21	5	35.532	12.55			
98.2		35.536	12.16			
3763	9.5	3.7513	−0.0077	− 5.299	−0.525	27°1322
98. 3. 2	7	7 1 17.050	27 46 22.73			n. p. of 2
3764	9.4	3.7512	−0.0077	− 5.304	−0.525	— —
99. 2.17	5	7 1 20.347	27 46 11.48			
99. 2.21	3	20.080	11.98			
99. 2.28	3	20.314	12.23			
99.1		20.247	11.90			
3766	9.3	3.7523	−0.0077	− 5.308	−0.525	— —
99. 2.22	3	7 1 23.585	27 48 37.51			v. ft.
99. 2.24	3	23.250	34.81			v. ft.
99. 3. 1	7	23.509	36.07			ex. ft.
99.2		23.448	36.13			
3768	9.5	3.6924	−0.0071	− 5.321	−0.517	— —
98. 3.10	7	7 1 32.584	25 41 39.21			
98. 3.11	7	32.722	38.15			v. ft.
99. 3. 2	7	32.654	38.55			
98.5		32.653	38.64			
3784	9.3	3.7145	−0.0075	− 5.461	−0.519	26°1477
98. 3.21	5	7 3 12.103	26 31 48.17			
99. 2.25	7	12.198	46.13			
99 3. 7	7	12.311	47.72			
98.8		12.204	47.34			

3791	$9^{\mathrm{m}}4$	$3^{\mathrm{s}}6783$	$-0^{\mathrm{s}}0072$	− 5″503	−0″513	— —
98. 3.12	5	$7^{\mathrm{h}}\ 3^{\mathrm{m}}41^{\mathrm{s}}858$	25° 14′ 18″91			
99. 2.28	4	41.970	19.13			
99. 3. 9	5	41.933	20.37			v. ft.
99. 3.10	3	41.930	18.60			
99. 3.11	5	41.888	19.74			v. ft.
99.0		41.916	19.35			
3797	10.0	3.6681	−0.0070	− 5.537	−0.511	24°1552
99. 2.21	5	7 4 5.925	24 52 44.45			
99. 2.22	5	6.052	43.26			
99 2.24	5	6.048	42.70			
99 1		6.008	43.47			
3803	9.3	3.7646	−0.0084	− 5.576	−0.525	28°1335
98. 3.10	6	7 4 34.070	28 19 49.13			
98. 3.11	4	34.296	48.80			
99. 2.17	5	34.271	51.45			
98.5		34.212	49.79			
3820ᵃ	9.4	3.6659	−0 0073	− 5.637	−0.510	24°1563
98. 3. 2	7	7 5 17.821	24 49 41.63			
98. 3.18	4	17.827	41.16			
98. 3.21	1	17.886	41.98			
98.2		17.845	41.59			

The Z.C. place of 3820 is 1′ wrong; corrected reduction gives

76. 3. 4	3	7 5 17.943	24 49 42.24			
3840	6 5	3.6719	−0.0076	− 5.784	−0.510	25°1618
98 3.31	7	7 7 3.256	25 5 56.83			
98. 4. 1	7	3.360	56.76			
99. 3. 9	7	3.199	57.85			bright field
99. 3.10	7	3.204	57.69			bright field
98.7		3.255	57.28			
3863	9.5	3.7378	−0.0087	− 5.968	−0.518	27°1351
98. 3. 2	7	7 9 14.806	27 32 19.48			
98. 3.22	7	14.625	21.35			
99. 2 17	7	14.960	19.57			
98.5		14.797	20.13			
3864	9.5	3.7438	−0.0088	− 5.972	−0.519	— —
98. 3.10	7	7 9 17.251	27 45 18.67			
99. 2.21	7	17.352	19.97			
99. 2.22	7	17.586	19.71			
98.8		17.396	19.45			
3868	9.5	3.7406	−0.0089	− 6.026	−0.518	— —
98. 3.12	7	7 9 56.304	27 39 51.64			
99. 2.24	7	56.303	51.18			
99. 2.25	7	56 208	51.64			
98.8		56.272	51.49			
3875	9.4	3.7829	−0.0095	− 6.058	−0.523	29°1498
98. 3.18	7	7 10 19.758	29 8 38.28			
98. 3.21	7	19.742	37.79			
99. 2.28	7	19.746	38 17			
98.5		19.749	38.08			

3899	$9^{\mathrm{m}}.1$	$3^{\mathrm{s}}.7283$	$-0^{\mathrm{s}}.0090$	$-6''.214$	$-0''.514$	$27^\circ 1364$
98. 3. 2	5	$7^{\mathrm{h}}12^{\mathrm{m}}12^{\mathrm{s}}.141$		$27^\circ 17'\,50''.04$		
98. 3.10	5	12.048		50.85		
98. 3.11	4	12.187		49.52		
98.2		12.125		50.14		

3945 Examined 98. 3.22: star not found. See main catalogue

3946	9.2	3.7217	−0.0095	− 6.569	−0.510	— —
98. 3 12	7	7 16 28.916		27 12 38.42		
98. 3.22	7	28.813		38.68		
99. 2.17	7	28.884		38.03		
98.5		28.871		38.38		
3964	9.1	3.7795	−0.0108	− 6.791	−0.515	— —
98. 3.18	7	7 19 9.785		29 20 49.00		
98. 3.21	7	9.780		49.56		
99. 2.21	7	9.754		50.02		
98.5		9.773		49.53		
4004	9.3	3.6681	−0.0097	− 7.134	−0.497	— —
98. 3.11	7	7 23 20.613		25 29 42.46		
98. 3 18	7	20.855		41.60		
98. 3.21	5	20.924		43.22		
98.2		20.797		42.43		
4021	9.3	3.7072	−0.0105	− 7.238	−0.501	— —
98. 3 12	7	7 24 37.148		26 59 15.47		
99. 2.17	7	37.294		18.55		
99. 2.21	7	37.220		19.53		
98.8		37.221		17.85		
4029	9 5	3.7018	−0.0105	− 7.290	−0.500	— —
98. 3.22	7	7 25 15.498		26 49 1.28		v. ft.
99. 2.22	5	15.816		0.30		v. ft.
99. 2.28	7	15.768		2.00		v. ft.
98.8		15.694		1.19		
4032	9.5	3.6701	−0.0100	− 7.308	−0.495	$25^\circ 1701$
97. 3.26	5	7 25 28.872		25 39 1.86		
99. 3. 1	7	28.788		1.93		
99. 3. 2	5	28.692		1.54		
98.5		28 784		1.78		
4039	9.5	3 6737	−0.0102	− 7.383	−0.495	— —
98. 3.11	4	7 26 24.610		25 48 55.80		
98. 3.21	5	24.626		57.63		v.ft.
99. 3. 7	7	24.661		57.47		
98.5		24.632		56.97		
4051	8.0	3.6573	−0.0100	− 7.449	−0.492	$25^\circ 1709$
97. 3.12	7	7 27 13.210		25 14 3.58		
97. 3.18	7	13.148		4.39		
97. 3.19	7	13.237		2.24		
97.2		13.198		3.40		
4067	9.3	3.7342	−0.0116	− 7.601	−0.501	$28^\circ 1422$
97. 3.26	7	7 29 5.460		28 8 57.78		
98. 3.12	7	5.515		56.02		
99. 2 17	5	5 390		57.43		
98.2		5.455		57.08		

4097	$9^{\mathrm{m}}.3$	$3^{\mathrm{s}}.6718$	$-0^{\mathrm{s}}.0109$	$-7''.816$	$-0''.490$	— —
98. 3.11	7	$7^{\mathrm{h}}31^{\mathrm{m}}44^{\mathrm{s}}.845$		$25^\circ 57'\,44''.94$		
98. 3.21	7	45.265		44.99		
99. 2.21	7	45.366		46.45		
98.5		45.159		45.46		
4098	9.5	3.7377	−0.0121	− 7.833	−0.499	— —
98. 3.22	7	7 31 57.488		28 24 10.60		
99. 2.22	7	57.496		10.07		
99. 2.28	7	57.585		11.07		
98.8		57.523		10.58		
4110	9.3	3.7084	−0.0117	− 7.908	−0.494	$27^\circ 1444$
98. 3.12	7	7 32 53.783		27 22 19.32		
99. 2.17	5	53.839		20.33		$+10^{\mathrm{s}}$
99. 3. 1	5	53.512		20.23		
98.8		53.711		19.96		
4113^{a}	9.0	3.7448	−0.0124	− 7.934	−0.498	— —
97. 3.26	7	7 33 12.976		28 42 39.72		
99. 3. 2	5	12.875		38.55		n. of 2
99. 3. 7	7	12 975		39.28		
98.5		12.942		39.18		

The Z.C. place of 4113 is 1′ wrong: corrected reduction gives

80. 3.17	2	7 33 13 030		28 42 38.75		$+1'$
4142	9.0	3.6348	−0.0108	− 8.194	−0.480	$24^\circ 1756$
98. 3.11	7	7 36 27.635		24 44 59.55		
98. 3.21	7	27.396		60.60		
98. 3.22	7	27.495		60.86		
98.2		27.509		60.34		
4145	9.5	3.7069	−0.0122	− 8.204	−0.489	$27^\circ 1461$
97 3.26	6	7 36 35.708		27 29 14.59		
98. 3.12	7	35.678		13.31		
99. 2.17	5	35.780		13.26		
98.2		35.722		13.72		
4164	9.5	3.7393	−0.0133	− 8.450	−0.491	— —
98. 3 21	4	7 39 40.716		28 49 12.09		v. ft.
99. 2.21	7	41.017		12.85		
99. 2.22	7	40.948		11.94		
98.8		40 894		12.29		
4168	9.5	3.7603	−0.0138	− 8.473	−0.493	$29^\circ 1611$
98. 3 11	7	7 39 57.870		29 35 29.01		
99. 2.28	7	58.009		28.82		
99. 3. 1	4	57.888		28.11		
98.8		57.922		28.65		
4171	9.5	3.6710	−0.0121	− 8.486	−0.482	$26^\circ 1648$
98. 3.22	7	7 40 8.011		26 17 59.92		
99. 3. 2	7	8.098		57.55		
99. 3. 7	7	8.152		58.30		
98.9		8.087		58.59		

4174	$9^{\mathrm{m}}.2$	$3^{\mathrm{s}}.6911$	$-0^{\mathrm{s}}.0124$	$-\ 8''.501$	$-0''.484$	27°1479
98. 3.12	7	$7^{\mathrm{h}}40^{\mathrm{m}}19^{\mathrm{s}}.605$		$27^{\circ}\ 3'\ 57''.91$		
99. 2 17	7	19.594		58.45		
99. 3. 9	7	19.553		58.75		
98.8		19.584		58.37		
4176	9.5	3.7392	−0.0134	− 8.521	−0.490	28°1469
97. 3.24	2	7 40 34.751		28 51 35.19		
97. 3.26	7	34.508		36.07		
99. 3.10	5	34.211		35.91		v. ft.
97.9		34.490		35.72		
4217	9.5	3.7120	−0.0135	− 8.845	−0.481	28°1492
97. 3.24	7	7 44 41.118		28 4 1.64		n. of 2
97. 3.26	7	41.175		2.73		
98. 3 21	7	40.918		2.11		
97.6		41.070		2.16		
4224	9.5	3.7410	−0.0141	− 8.897	−0.485	29°1638
98. 3.12	7	7 45 20.715		29 9 55.32		v. ft.
99. 2.17	3	20.971		55.13		
99. 2.21	3	20.840		56.12		
98.8		20.842		55.52		
4225	9.5	3.7375	−0.0140	− 8.907	−0.485	29°1639
98. 3.22	3	7 45 28.459		29 2 43.74		
99. 2.22	7	28.471		44.13		
99. 3. 2	7	28.523		43.88		
98.8		28.484		43.92		
4235	9.3	3.7368	−0.0143	− 8 994	−0.483	29°1643
99. 2.28	7	7 46 35.019		29 4 47.52		
99. 3. 1	7	34.786		46.19		
99. 3. 7	7	34.945		46.82		
99.2		34.917		46.84		
4248	9.4	3.6881	−0.0134	− 9.106	−0.475	27°1503
98. 3.14	5	7 48 1.138		27 20 15.95		
98. 3.21	5	1.030		17.77		
99. 2.21	7	1.108		18.11		
98.5		1.092		17.28		
4249	9.4	3.7350	−0.0145	− 9.111	−0.481	29°1647
98. 3.11	4	7 48 4.741		29 5 35.53		
98. 3.22	7	4.940		35.89		
99. 2.17	7	5.078		36.10		
98.5		4.920		35.84		
4256	9.5	3.7364	−0.0146	− 9.162	−0.481	— —
97. 3.24	7	7 48 43.656		29 10 58.22		
97. 3.26	7	43.641		60.23		
98. 3.12	5	43.381		60.06		v. ft.
97.5		43.559		59.50		
4294	9.5	3.7110	−0.0148	− 9.548	−0.475	28°1524
97. 3.24	7	7 53 43.424		28 30 51.00		
97. 3.26	7	43.508		51.49		
98. 3.12	6	43.429		52.02		
97 5		43.454		51.50		

4306	$9^{\mathrm{m}}.5$	$3^{\mathrm{s}}.7463$	$-0^{\mathrm{s}}.0157$	$-\ 9''.640$	$-0''.475$	29°1671
97. 3 18	1	$7^{\mathrm{h}}54^{\mathrm{m}}55^{\mathrm{s}}.335$		$29^{\circ}53'\ 50''.75$		haze. v. ft.
97. 3.19	7	55.480		50.47		
97.2		55.408		50.61		
4317	9.5	3.6442	−0.0135	+ 9.695	−0.461	— —
98. 3.11	2	7 55 37.650		26 2 31.81		v. ft.
98. 3.14	4	37.749		30.64		v. ft.
99. 2.28	7	37.720		36.65		v. ft.
98.5		37.706		33.03		
4323	9.5	3.6398	−0.0134	− 9.715	−0.460	25°1833
98. 3.21	7	7 55 53.804		25 53 11.65		
98. 3.22	3	54.089		13.31		
99. 2.21	7	54.037		13 30		
98.5		53.977		12.75		
4324^{a}	9.1	3.6440	−0.0135	− 9 732	−0.460	26°1709
99. 2.17	5	7 56 7.378		26 3 49.82		‖
Confirmed by Oxford photograph 93.3 22						
4341	9.3	3.7172	−0.0155	− 9.858	−0.468	29°1685
98. 3.12	7	7 57 45.958		28 59 5.55		p. of 2
99. 3. 1	7	45.829		6.51		
99. 3. 2	5	45.997		6.06		
98.8		45.928		6.04		
4342	9 4	3.6261	−0.0134	− 9.868	−0.456	— —
97. 3.26	6	7 57 53 581		25 26 46.83		
99. 3. 7	3	53.462		47.61		
99. 3. 9	3	53.296		46.49		
98.5		53.446		46.98		
4350	9.3	3.6976	−0.0151	− 9.915	−0.465	28°1549
98. 3.22	7	7 58 31.160		28 17 4.61		
99. 3.10	7	31.200		4.75		
99. 3.11	7	31.206		4.38		
98.9		31.189		4.58		
4354	9.5	3.6147	−0.0133	− 9.936	−0.453	25°1845
98. 3 14	5	7 58 47.476		25 2 21.09		v. ft.
98. 3.21	2	47.405		18.12		too ft.
99. 3.14	7	47.232		21.80		v. ft.
98.5		47.371		20.34		
4360	9.3	3.6728	−0.0147	− 9.968	−0.461	27°1540
98. 3.11	7	7 59 12.618		27 22 4.70		
99. 2.17	5	12.788		6.42		
98.7		12.703		5.56		
4381	9.5	3.6718	−0.0149	−10.139	−0.457	— —
98. 3.12	7	8 1 28.325		27 27 56.34		
99. 2.28	7	28.623		58.14		
99. 3. 2	5	28.284		56.34		
98.8		28.411		56.94		
4382	9.4	3.6665	−0.0148	−10.152	−0.457	27°1547
97. 3.24	7	8 1 38.879		27 15 53.89		
97. 3.26	7	38.907		55.32		
98. 3.22	5	38.826		55.59		
97.6		38.871		54.93		

4403 9^m4 3^s6868 -0^s0156 $-10''310$ $-0''457$ — —

98. 3.11	7	$8^h\ 3^m44^s433$	$28^\circ\ 11'\ 9''28$	
98. 3.14	7	44.560	6.89	
98. 3.21	7	44 377	7.49	
98.2		44.457	7.89	

4444 9.4 3.6507 −0.0154 −10.674 −0.446 — —

97. 3.24	7	8 8 37.877	27 3 62.08	
97. 3.26	7	37.873	62.56	
98. 3.14	7	37.637	59.66	
97.6		37.796	61.43	

4466a 9.4 3.6590 −0.0159 −10.843 −0 444 — —

98. 3.11	5	8 10 55.141	27 33 4.24	‖ p. of 2: v. ft.

Confirmed by Oxford photograph 01.10.31

4467 9.4 3.6591 −0.0159 −10.854 −0.444 — —

98. 3.12	7	8 11 4.105	27 33 55.27	
98. 3.21	7	3.851	55.01	
98. 3.22	7	3.933	58.78	
98.2		3.963	56.35	

4524 9.5 3.5995 −0.0153 −11.378 −0.427 25°1918

97. 3.24	7	8 18 15.482	25 35 26.19	
97. 3.26	7	15.636	26.83	
98. 3.22	3	15.362	28.28	
97.6		15.493	27.10	

4537 9.1 3.5965 −0.0154 −11.486 −0.425 25°1921

98. 3.11	5	8 19 45.756	25 33 53.41	
99. 2.28	7	45.957	53.43	
99. 3. 2	7	45.757	54.19	
98.8		45.823	53.68	

4540 9.5 3.6606 −0.0172 −11.507 −0.433 28°1605

98. 3.12	7	8 20 3.423	28 15 0.61	
99. 3. 7	7	3.641	2.95	
99. 3. 9	7	3.595	1.64	
98.9		3.553	1.73	

4543 9.2 3.5912 −0.0153 −11.530 −0.423 — —

98. 3.14	7	8 20 22.631	25 22 59.52	
98. 3.21	7	22.737	61.48	
98. 3.22	5	22 760	62.29	
98.2		22.709	61.10	

4565 9.5 3.6590 −0.0178 −11.821 −0.426 — —

97. 3.26	6	8 24 27.674	28 30 55.58	
98. 3.12	7	27.661	54.14	
98. 3.14	7	27.566	54.78	
98. 3.21	7	27.488	54.66	
98.0		27.597	54.79	

4594 9.4 3 5985 −0.0164 −12.049 −0.414 26°1805

97. 3.12	7	8 27 42.699	26 12 53.09	v. ft.
97. 3.19	7	42.578	53.05	
97.2		42.638	53.07	

4608 9^m5 3^s6866 -0^s0193 $-12''192$ $-0''421$ 30°1736

97. 3.24	7	$8^h29^m46^s421$	$30^\circ\ 3'\ 47''45$	
97. 3.26	7	46.488	48.20	
99. 2.28	5	46.453	47.29	
97.9		46.454	47.65	

4620 9.5 3.5632 −0.0158 −12.267 −0.406 — —

98. 3.12	4	8 30 49.715	24 54 10.02	v. ft.
98. 3.22	7	49.724	10.06	
99. 3.10	7	49.801	9.03	
98.5		49.747	9.70	

4622 9.5 3.5634 −0.0159 −12.279 −0.406 24°1965

99. 3.11	7	8 31 1.304	24 55 21.81	

4623 9.5 3.5643 −0.0159 −12.280 −0.406 25°1962

98. 3.14	5	8 31 1.441	24 57 33.05	v. ft.
98. 3.21	7	1.219	33.04	n. of 2
99. 3.14	7	1.479	33.80	
98.5		1.380	33.30	

4633 9.5 3.6010 −0.0171 −12.369 −0.408 — —

99. 3. 2	7	8 32 19.447	26 40 45.08	v. ft.
99. 3. 7	7	19.492	45.01	
99. 3. 9	7	19.416	45.04	
99.2		19.452	45.04	

4640 9.5 3.5576 −0.0159 −12.414 −0.401 24°1972

97. 3.24	6	8 32 58.569	24 48 33.54	
97. 3.26	5	58.483	34.62	
99. 2.28	7	58.366	33.78	
97.9		58.473	33.98	

4722 6.0 3.6247 −0.0195 −13.232 −0.392 28°1660

97. 3.12	7	8 45 8.230	28 48 18.82	
97. 3.18	7	8.199	18.83	bright field
97. 3.19	7	8.187	18.27	bright field
97.2		8.205	18.64	

4746 9.5 3.5508 −0.0175 −13.500 −0.377 — —

97. 3.24	7	8 49 14.300	25 49 39.32	
97. 3.26	7	14.323	40.28	
98. 3.12	7	14.145	40.47	
97.5		14.256	40.02	

4777 9.5 3.5749 −0.0188 −13.755 −0.373 — —

97. 3.24	7	8 53 13.035	27 19 14.54	
97. 3.26	7	13.098	14.52	
98. 3.14	7	12.647	11.54	sky thick, [stars ft.
97.6		12.927	13.53	

4779 9.5 3.5989 −0.0197 −13.769 −0.375 — —

98. 3.12	7	8 53 25.804	28 26 38.66	
98. 3.21	5	25.528	34.99	stars v. ft.
98. 3.22	6	25 937	38.64	
98.2		25.756	37.43	

4804	$9^{m}.0$	$3^{s}.6213$	$-0^{s}.0210$	−13″.958	−0″.373	— —
97. 3.24	6	$8^{h}56^{m}25^{s}.991$			29° 45′ 53″.81	
97. 3.26	7	26.041			54.59	
98. 3.12	6	26.048			53.35	
97.5		26.027			53.92	
4837	9.5	3.6166	−0.0214	−14.250	−0.365	30°1820
97. 3.24	7	9 1 6.746			30 3 14.94	
97. 3.26	7	6.755			14.94	
98. 3.14	7	6.546			13.88	stars ft.
98. 3.21	7	6.392			8.05	stars v. ft.
97.7		6.610			12.95	
4887	9.5	3.5212	−0.0188	−14.714	−0.343	— —
97. 3.24	7	9 8 47.110			26 18 16.44	
97. 4. 8	7	47.366			16.84	
98. 3.21	7	46.940			14.44	
97.6		47.139			15.91	
4901	9.5	3.5443	−0.0199	−14.828	−0.342	27°1738
97. 3.24	1	9 10 42.934			27 40 23.26	
97. 4. 8	5	42.960			23.51	
98. 3.22	7	42.902			22.78	
97.6		42.932			23.18	
4972	9.5	3.5107	−0.0199	−15.480	−0.319	27°1759
97. 3.24	7	9 22 5.948			27 17 3.21	
97. 4. 5	7	5.987			3.80	
97. 4.10	7	6.086			2.39	
97.3		6.007			3.13	
5003	9.5	3.4787	−0.0190	−15.678	−0.310	26°1963
97. 3.24	6	9 25 41.238			25 59 29.41	
97. 4. 5	7	41.057			28.97	
97. 4.13	7	41.145			29.45	
97.3		41.147			29.28	
5006	9.5	3.5129	−0.0205	−15.702	−0.312	— —
97. 4. 8	7	9 26 7.853			27 54 45.19	
97. 4.10	7	7.765			44.11	
97.3		7.809			44.65	
5026	9.5	3.5226	−0.0214	−15.872	−0.307	28°1775
97. 3.24	7	9 29 17.465			28 51 39.82	
97. 4. 5	7	17.309			40.32	
97. 4. 8	6	17.545			40.02	
97.2		17.440			40.05	
5127	9.5	3.4252	−0.0188	−16.688	−0.270	25°2171
97. 3.24	7	9 45 16.753			25 27 37.79	
97. 4. 5	7	16.744			37.60	v. ft.
97. 4. 8	7	16.715			38.25	
97.2		16.737			37.88	
5186	9.5	3.4153	−0.0194	−17.132	−0.252	— —
97. 3.24	7	9 54 42.687			26 16 25.60	v. ft.
97. 4. 5	7	43.110			28.51	
97. 4. 8	7	43.037			29.41	
98. 4. 1	7	42.648			27.33	v. ft.
98. 4.15	5	42.692			27.78	unsatisfactory
97.7		42.835			27.73	

5252	$9^{m}.4$	$3^{s}.3952$	$-0^{s}.0197$	−17″.610	−0″.230	— —
97. 4. 5	7	$10^{h}\ 5^{m}39^{s}.409$			26° 47′ 38.39	
97. 4. 8	7	39.522			37.34	
97. 4.10	7	39.613			37.15	
97.3		39.515			37.63	
5335	9.5	3.3536	−0.0187	−18.056	−0.205	— —
97 4. 5	7	10 16 48.821			25 48 [52.86]	bad night
97. 4. 8	7	48.961			47.28	
97. 4.10	7	48.978			46.87	
98. 4. 1	7	48.746			43.01	
98. 4.15	7	48.730			45.07	
97.7: 97.8		48.847			45.56	
5433	9.5	3.3033	−0.0174	−18.590	−0.173	— —
97. 4. 5	7	10 31 51.982			24 43 46.27	
97. 4.10	7	52.103			46.19	
98. 4.15	7	51.696			46.04	
97.6		51.927			46.17	
5465	9.5	3.2963	−0.0174	−18.708	−0.165	25°2284
97. 4. 5	5	10 35 32.626			24 57 29.60	
97. 4. 8	7	32.946			26.11	v. ft.
97. 4.10	7	32.821			28.36	
98. 4.15	7	32.219			27.92	
97.5		32.653			28.00	
5518	9.4	3.3150	−0.0203	−18.952	−0.150	— —
97. 4. 5	7	10 43 38.412			29 2 5.68	
97. 4. 8	7	38.604			8.74	
97. 4.10	7	38.547			5.30	
98. 4.15	7	38.171			5.92	
97.5		38.434			6.41	
5532	9.5	3.2910	−0.0187	−19.004	−0.145	27°1948
97. 4.13	7	10 45 29.588			27 7 37.56	
97. 4.22	5	29.465			36.54	
97. 4.29	7	29.476			37.69	
97.3		29.510			37.26	
5559	8.4	3.2912	−0.0195	−19.113	−0.137	28°1952
97. 3.19	7	10 49 30.068			28 24 34.82	
97. 4. 5	7	30.035			35.29	
97.2		30.052			35.06	
5585	9.3	3.2834	−0.0198	−19.218	−0.129	— —
97. 4. 5	7	10 53 34.546			28 56 33.21	
97. 4. 8	7	34.764			32.33	
97. 4.10	7	34.619			27.37	
98. 4.15	7	34.416			30.19	
97.5		34.586			30.78	
5607	9.5	3.2411	−0.0164	−19.307	−0.120	— —
97. 4.13	2	10 57 14 076			25 1 32.55	v. ft.: s.f. of 2
97. 4.29	7	14.190			36.78	
98. 4.16	7	14.045			36.34	
97.6		14.104			35.22	

5616 $9^{m}.5$ $3^{s}.2390$ $-0^{s}.0164$ $-19''.324$ $-0''.118$ — —

97. 4. 8	6	$10^{h}57^{m}57^{s}.715$	$25^{\circ}\ 0'\ 38''.93$	
97. 4.10	7	57.687	37.37	
98. 4.15	7	57.534	38.38	
97.6		57.645	38.23	

5620 7.9 3.2440 −0.0170 −19.338 −0.117 25°2335

97. 3.19	7	10 58 34.410	25 52 39.27	
97. 4 5	7	34.357	39.81	
97.2		34.384	39.54	

5650 9.1 3 2555 −0.0192 −19.429 −0.109 29°2128

97. 4. 5	7	11 2 38.360	28 57 46.83	
97. 4. 8	7	38.506	47.53	
97. 4.10	7	38.532	44.97	
97.3		38.466	46.44	

5675 9.5 3.2334 −0.0181 −19.532 −0.099 28°1977

97. 4. 5	7	11 7 34.766	28 0 25.87	
97. 4. 8	7	34.780	27.72	
97. 4.10	7	34.947	26.05	
97.3		34 831	26.55	

5716 9.5 3.2196 −0.0187 −19.667 −0.083 — —

97. 4. 5	7	11 14 51.741	29 23 43.50	
97. 4. 8	7	51.996	45.30	
97. 4.10	4	52.261	42.14	
98. 4 15	7	51.920	42.78	
97.5		51.980	43.43	

5717 9.5 3.2187 −0.0187 −19 673 −0.083 29°2149

97. 4.13	7	11 15 14.371	29 26 37.87	
97. 4.22	7	14.473	35.98	
98. 4.16	7	14.168	37.11	
97 6		14.337	36.99	

5726 9.4 3.2049 −0.0173 −19.694 −0.080 27°2013

97. 4.23	7	11 16 30.329	27 44 29.98	
97. 4.27	7	30.356	30.10	
97. 5. 1	7	30.265	30.18	
97.3		30.317	30.09	

5804 9.5 3 1600 −0.0151 −19.872 −0.054 26°2234

97. 4.13	7	11 29 5.452	26 2 21.91	
97. 4.22	7	5.498	20.35	
98. 4.15	7	5.245	19.72	
97.6		5.398	20.66	

5807 9.3 3.1644 −0.0162 −19.876 −0.053 27°2038

97. 4.29	7	11 29 24.728	27 22 50.23	
97. 5. 1	7	24.852	51.45	
98. 4.16	7	24.498	50.52	
97.6		24.693	50.73	

5812 9.4 3.1636 −0.0162 −19.882 −0.052 — —

97. 4.23	7	11 29 54.069	27 33 49.91	
97. 4.27	7	54.025	49.89	
98. 4.18	7	53.950	49.91	
97.6		54.015	49.90	

5849 $9^{m}.5$ $3^{s}.1424$ $-0^{s}.0164$ $-19''.954$ $-0''.037$ — —

97. 4.13	7	$11^{h}37^{m}\ 0^{s}.670$	$27^{\circ}37'\ 11''.62$	
97. 4.22	7	0.796	14.42	
98. 4.15	7	0.599	10.08	
97.6		0.688	12.04	

5850 9.5 3.1343 −0.0139 −19.956 −0.036 25°2406

97. 4.29	6	11 37 16.287	25 4 51.96	c. d. s. f. l.
97. 5. 1	7	16.350	52.31	v. ft.
97. 5. 4	7	16.243	51.08	
98. 4.16	7	16.175	50.31	d. f.
97.6		16.264	51.42	

α $0^{s}.7$ greater than Z.C.: Oxford photographs give α (for the s. f. star) $1^{s}.0$ greater than Z.C.

5859 9.4 3.1426 −0.0167 −19.965 −0.034 29°2207 A

97. 4.23	7	11 38 19.135	29 7 22.13	d. n.: v. ft.
97. 4.27	7	18.904	23.19	v. ft.
97. 5. 5	7	18.976	26.74	ex. ft.: bad
97.3		19.005	24.02	

5870 Examined 97.4.29 and 97.5.3: no star. See main catalogue

5872 9.5 3.1348 −0.0156 −19.976 −0.032 28°2040

97. 4.13	3	11 39 41.304	27 53 16.58	
97. 4.22	5	41.224	15.90	
98. 4.15	3	41.142	15.25	
97.6		41.223	15.91	

5893 9.5 3.1172 −0.0146 −20.011 −0.021 — —

97. 4.13	7	11 44 54.739	27 2 26.75	
97. 4.22	7	54.900	25.28	
98. 4.15	7	54.458	24.43	
97.6		54.699	25.49	

5894 9.5 3 1149 −0.0139 −20.011 −0.021 25°2426

97. 4.23	7	11 44 56.648	25 53 19.58	
97. 4.27	7	56.487	20.89	
97. 5. 5	4	56.691	20.07	
97.3		56.609	20.18	

5896 9.5 3.1158 −0.0146 −20.013 −0.020 27°2063

97. 4.29	7	11 45 21.438	27 3 40.39	f. of 2
97. 5. 1	7	21.290	40.40	
97. 5. 4	7	21.420	40.34	
98. 4.16	7	21.173	39.82	
97.6		21.330	40.24	

5977 9.5 3.0784 −0.0141 −20.053 +0.005 27°2091

97. 4.13	6	11 57 59.551	27 52 58.87	
97. 4.22	7	59.683	58.23	
97.3		59.617	58.55	

6017 8.5 3.0594 −0.0116 −20.050 +0.017 25°2470

97. 4.13	7	12 4 42.513	25 0 55.58	
97. 4.22	7	42.487	52.83	
97.3		42.500	54.20	

6049 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.0411$ $-0^{\mathrm{s}}.0124$ $-20''.033$ $+0''.029$ 27°2111

97. 5. 1	7	$12^{\mathrm{h}}10^{\mathrm{m}}27^{\mathrm{s}}.999$	$26^{\circ}57'\,16''.69$	
97. 5. 3	7	28.191	15.26	
97. 5. 4	7	28.053	16.11	
98. 4.15	7	28.070	14.91	
97.6		28.078	15.74	

6049^{a} 9.5 3.0404 −0.0126 −20.033 +0.029 — —

97. 4.23	7	12 10 34.788	27 19 45.99	only star seen
97. 4.27	7	34.638	46.28	
97. 5. 5	7	34.771	45.14	
97.3		34.732	45.80	

The Z.C. place of 6048 is 1 int. wrong: corrected reduction gives

74. 4.21	3	12 10 35.098	27 19 45.77	+ 1 int.

6066 9.5 3.0325 −0.0124 −20.021 +0.034 — —

97. 4.23	1	12 13 12.321	27 18 28.67	too ft.
97. 4.27	5	11.979	29.08	
97. 5. 5	7	12.039	30.69	
98. 4.16	2	12.021	20.61	too ft.
98. 4.18	4	11.896	22.43	too ft.
97.7		12.051	26.30	

This star is too faint to be well observed

6162 9.5 2.9876 −0.0115 −19.913 +0.061 28°2132

97. 4.23	7	12 27 15.445	28 4 56.32	
97. 4.27	7	15.278	56.20	
97. 5. 4	7	15.073	56.47	
97.3		15.265	56.33	

6180 9 5 2.9847 −0 0098 −19.869 +0.067 25°2534

97. 4.23	7	12 31 11.236	25 45 20.97	
97. 4.27	7	11.239	20.84	
97. 5. 5	7	11.127	19.40	
97.3		11.201	20.40	

6193 9.5 2.9827 −0.0092 −19.848 +0.071 25°2539

97. 4.23	1	12 32 55.673	25 3 51.94	
97. 4 27	1	55.560	51.80	
97. 5. 1	7	55.560	51.68	
97. 5. 3	6	55.345	50.92	
97.3		55.534	51.58	

6193^{a} 9.3 2.9662 −0.0115 −19.847 +0.071 29°2312

97. 3. 3	7	12 32 59.446	28 55 24.18	ft.
97. 3. 8	7	59.175	23.32	
97. 3.10	3	59.388	20.41	observed by
97.2		59.336	22.64	[A. Graham

The B.D. α is 1^{m} too great

6226 9.5 2.9619 −0.0093 −19.770 +0.081 26°2387

97. 4.23	7	12 38 39.032	26 10 55.15	
97. 4.27	7	39.033	54.53	
97. 5. 3	7	38.845	55.88	
97 3		38.970	55.19	

6269 9.4 2.9346 −0.0095 −19.662 +0.093 — —

97. 4.23	7	12 45 22.975	27 36 37.09	
97. 4.27	7	22.933	37.53	
97. 5. 3	7	22.870	32.24	
98. 4.18	7	22.915	36.26	
97.6		22.923	35.78	

6307 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.9314$ $-0^{\mathrm{s}}.0076$ $-19''.545$ $+0''.104$ 25°2579

97. 4.23	7	$12^{\mathrm{h}}51^{\mathrm{m}}44^{\mathrm{s}}.289$	$25^{\circ}11'\,25''.11$	
97. 4.27	7	44.331	27.11	
97. 5. 3	7	44.306	24.73	
97.3		44.309	25.65	

6329 9.5 2.9046 −0.0081 −19.439 +0.113 — —

97. 4.23	7	12 56 53.516	27 4 40.72	
97. 4.27	5	53.342	38.86	v. ft.
97. 5. 3	6	53.268	39.16	ex. ft.
97.3		53.375	39.58	

6358 9.5 2.8729 −0.0089 −19.341 +0.119 29°2370

97. 5. 1	7	13 1 18.921	29 25 17.38	
97. 5. 3	7	18.803	16.33	
98. 4.18	7	18.889	17.62	
97.7		18.871	17.11	

6360 9.3 2.8991 −0.0072 −19.338 +0.120 26°2429

97. 4.23	7	13 1 25.840	26 3 16.96	
97. 4.27	7	25.781	16.21	
97. 5. 5	7	25.686	16.07	
97.3		25.769	16.41	

6416 8.3 2.8536 −0.0075 −19.116 +0.134 28°2205

97. 4.23	7	13 10 23.357	28 24 19.95	
97. 5. 3	7	23.261	20.47	
97.3		23.309	20.21	

6460 8.6 2.8165 −0.0074 −18.911 +0.145 29°2405

97. 4.23	7	13 17 45.092	29 53 2.74	
97. 5. 3	7	44.990	3.85	
97.3		45.041	3.30	

6521 9.5 2.7911 −0.0061 −18.583 +0.161 29°2428

97. 4.23	7	13 28 20.629	29 12 51.46	
97. 4.27	5	20.763	52.76	
97. 5. 3	7	20 191	51.76	
98. 4.16	7	20.355	50.15	
97.6		20.484	51.53	

6568 9.5 2.8019 −0.0044 −18.347 +0.173 — —

97. 4.27	7	13 35 15.484	26 36 8.17	
97. 5. 1	4	15.266	2.20	bad
97. 5. 3	5	15.313	8.49	
97.3		15.354	6.29	

6616 9.4 2.7858 −0.0034 −17.988 +0.187 25°2685

97. 4.27	6	13 44 56.613	25 51 29.97	
97. 5. 1	7	56.484	29.84	
98. 4.18	7	56.417	30.26	
97.6		56.505	30.02	

6633 8.5 2.7453 −0.0041 −17 895 +0.188 28°2272

97. 5. 3	7	13 47 20.671	28 26 6.80	
97. 5. 5	7	20.884	4.18	
97.3		20 778	5.49	

6682	$9^{\mathrm{m}}.5$	$2^{\mathrm{s}}.7615$	$-0^{\mathrm{s}}.0027$	$-17''.616$	$+0''.200$	26°2513
97. 4.27	7	$13^{\mathrm{h}}54^{\mathrm{m}}10^{\mathrm{s}}.656$	$25^\circ\,56'\;5''.60$			
97. 5. 1	7	10.494	4.60			
97. 5. 3	7	10.449	6.28			
97.3		10.533	5.49			
6716	9 3	2.6914	−0.0032	−17.319	+0.206	29°2492
97. 5. 1	7	14 1 5.284	29 28 5.42			
6719	9.5	2.6911	−0.0032	−17.308	+0.206	29°2494
97. 4 27	7	14 1 21.052	29 26 24.11			
97. 5. 3	5	20.792	23.73			
98. 4.18	7	20.998	23.79			
97.6		20.947	23.88			
6793	9.4	2.7100	−0.0014	−16.740	+0.225	— —
97. 4.27	7	14 13 39.124	26 11 46.88			
97. 5. 3	7	38.776	45.49			
98. 5.18	5	38.800	43.99			
97.7		38.900	45.45			
6839	9.5	2.7027	−0.0007	−16.352	+0.235	— —
97. 4.27	7	14 21 29.191	25 31 18.50			
97. 5. 3	7	28.910	19.42			
98. 5.18	7	29.266	17.68			
97.7		29.122	18.53			
6863	9.1	2.7016	−0.0002	−16.141	+0.241	25°2789
97. 4.27	7	14 25 35.891	25 2 27.24			
97. 5. 3	7	35.699	27.11			
98. 5.18	3	35.603	24.39			
97.7		35.731	26.25			
6878	9.3	2.6202	−0.0011	−16.001	+0.237	— —
97. 5.20	7	14 28 16.582	29 17 14.90			
97. 5.21	7	16.308	15.20			
98. 5.23	6	16.188	13.29			
98. 5.25	7	16.456	13.05			
97.9		16.384	14.11			
6879	9.5	2.6443	−0.0008	−16.001	+0.239	28°2343
97. 4.27	5	14 28 17.254	27 58 12.58			
97. 5. 3	4	17.073	12.14			
98. 5.18	6	17.033	11.58			
97.7		17.120	12.10			
6925	9.3	2.6854	+0.0002	−15.680	+0.250	24°2753
97. 5 20	7	14 34 15.512	24 53 35.82			
97. 5.21	7	15.652	36.15			
98. 5.18	7	15.545	35.41			
97.7		15.570	35.79			
6926	9.3	2.6244	−0.0004	−15.664	+0.245	28°2354
97. 5.27	7	14 34 33.835	28 12 34.81			
97. 5 28	7	33.815	34.90			
98. 5.23	7	33.769	32.75			
98. 5.25	7	33.943	33.71			
97.9		33.840	34.04			
6928	$9^{\mathrm{m}}.3$	$2^{\mathrm{s}}.6588$	$0^{\mathrm{s}}.0000$	$-15''.663$	$+0''.249$	— —
97. 5.29	7	$14^{\mathrm{h}}34^{\mathrm{m}}34^{\mathrm{s}}.404$	$26^\circ\,20'\,46''.45$			
99. 5.26	7	34.274	45.87			
99. 5.29	7	34.477	45.55			
99. 5.30	7	34.312	46.06			v. ft.
99. 5.31	7	34.216	47.08			ft.
99.0		34.337	46.20			
6991	9.5	2.5771	0.0000	−15.065	+0.255	— —
97. 5.20	7	14 45 12.837	29 17 60.74			
97. 5.21	7	13.090	61.69			
98. 5.18	7	12 897	59.48			
97.7		12.941	60.64			
7001	9.5	2.5770	+0.0002	−14.951	+0.257	29°2589
97. 5.27	3	14 47 10.585	29 3 48.82			
97. 5 28	7	10.443	49.33			
98. 5.23	2	10.008	47.35			clds.
98. 5.25	7	10.577	47.24			
97.9		10.403	48.18			
7012	9.5	2.5835	+0.0004	−14.883	+0.259	— —
97. 5.29	7	14 48 19.861	28 36 36.81			n. p. of 2
99. 5.30	7	19.974	36.36			
99. 5.31	7	19.939	37.35			
98.7		19.925	36.84			
7013	9.5	2.6328	+0.0008	−14.861	+0.265	26°2621
97. 6.11	7	14 48 42.535	26 4 56.04			v. ft.: bad
98. 5.18	6	42.508	54.70			
97.9		42.522	55.37			
7016	9.5	2.6414	+0.0009	−14.822	+0.266	25°2848
98. 6.10	7	14 49 22.279	25 34 10.26			w. 7 — 1^{s}
99. 6. 1	7	22.423	10.00			
99. 6. 3	7	22.244	9.05			too ft.
99.1		22.315	9.77			
7017	9.5	2.6080	+0.0006	−14.818	+0.263	— —
97. 5.27	7	14 49 27.175	27 15 47.31			
97. 5.28	6	27.055	47.84			
97.4		27.115	47.58			
7021	9.4	2.6044	+0.0007	−14.760	+0.264	27°2437
97. 5.20	4	14 50 25.759	27 20 19.79			
97. 5.21	4	25.662	19.90			
98. 5.25	7	25.715	19.38			
97.7		25.712	19.69			
7072	9.4	2.6329	+0.0015	−14.212	+0.276	25°2868
97. 5.20	7	14 59 28.747	24 58 20.60			
97. 5.21	7	28.957	20.53			
98. 5.18	7	28.970	19.91			
98. 6. 7	7	28.946	21.18			
97.9		28.905	20 56			
7082	9.2	2.5443	+0.0010	−14.106	+0.270	29°2625
97. 5.28	7	15 1 12.027	29 3 46.61			
97. 5.29	7	12.209	46.94			
98. 5.25	7	12.164	44.74			
97.7		12.133	46.10			

7086 $9\overset{m}{.}2$ $2\overset{s}{.}6193$ $+0\overset{s}{.}0016$ $-14\overset{''}{.}054$ $+0\overset{''}{.}278$ 25°2874

97. 6.11	7	$15^h\ 2^m\ 2\overset{s}{.}545$	$25^\circ\ 24'\ 12\overset{''}{.}43$	
97. 6.12	7	2.384	12.57	
97.4		2.464	12.50	

7098 9.5 2.5729 +0.0013 −13.935 +0.276 — —

97. 5.20	7	15 3 55.782	27 26 47.25	
97. 5.21	7	55.605	49.39	
98. 5.18	7	55.602	49.39	
97.7		55.663	48.68	

7110 9.5 2.6045 +0.0017 −13.807 +0.281 25°2882

97. 5.28	7	15 5 57.070	25 45 10.45	
97. 5.29	7	57.116	11.70	
97. 6.11	7	57.159	11.56	
97.4		57.115	11.24	

7120 9.5 2.5252 +0.0013 −13.658 +0.276 29°2638

97. 5.20	7	15 8 16.986	29 11 38.14	
97. 5.21	7	17.138	38.33	
98. 5.18	7	17.177	39.12	
98. 6. 7	7	17.219	38.76	
97.9		17.130	38.59	

7141 9.0 2.5114 +0.0014 −13.432 +0.277 29°2647

97. 5.20	6	15 11 47.520	29 27 33.80	
97. 5.21	7	47.508	33.06	
98. 5.25	4	47.656	33.92	
97.7		47.561	33.59	

7146 9.5 2.4944 +0.0014 −13.378 +0.276 30°2639

97. 5.28	7	15 12 37.338	30 7 20.43	v. ft.
97. 5.29	3	37.185	21.22	v. ft.
98. 5.18	7	37.266	18.26	
97.7		37.263	19.97	

7149 9.5 2.5976 +0.0020 −13.359 +0.288 25°2894

97. 6.10	7	15 12 55.233	25 27 16.90	
97. 6.11	7	55.410	17.86	
98. 6. 7	7	55.306	15.69	
97.8		55.316	16.82	

7159 9.5 2.4907 +0.0015 −13.259 +0.278 30°2644

97. 5.20	4	15 14 26.599	30 6 19.02	
97. 5.21	4	26.800	18.16	
98. 5.25	6	26.702	17.60	
97.7		26.700	18.26	

7175 9.5 2.5826 +0.0021 −13.132 +0.290 25°2903

97. 6.10	7	15 16 22.165	25 51 0.70	v. ft.
97. 6.11	7	22.055	0.17	
98. 5.18	7	21.833	0.23	
97.8		22.018	0.37	

7184 9.4 2.5328 +0.0019 −13.043 +0.286 28°2426

97. 5.20	5	15 17 42.584	27 58 34.70	
97. 5.21	7	42.615	35.14	
98. 6. 7	7	42.646	34.00	
97.7		42.615	34.61	

7184^a $9\overset{m}{.}3$ $2\overset{s}{.}4951$ $+0\overset{s}{.}0017$ $-13\overset{''}{.}030$ $+0\overset{''}{.}282$ 29°2659 A

97. 6.14	7	$15^h\ 17^m\ 54\overset{s}{.}764$	$29^\circ\ 35'\ 34\overset{''}{.}14$	‖ p. of 2

Confirmed by Oxford photograph 01.5 20

7186 9.3 2.4947 +0.0017 −13.023 +0.282 29°2659 B

97. 6.12	7	15 18 0.662	29 36 11.57	f. of 2
98. 5.25	5	0.799	11.42	
98. 6.10	7	0.425	11.49	f. of 2
98.1		0.629	11.49	

7192 9.5 2.5876 +0.0023 −12.910 +0.294 25°2911

97. 5.28	4	15 19 42.017	25 20 55.60	ex. ft.
97. 6.10	1	41.962	56.37	v. ft.
97. 6.11	6	42.084	59.25	
97.4		42.021	57.07	

7202 9.3 2.5847 +0.0023 −12.802 +0.296 25°2914

97. 5.20	7	15 21 19.110	25 21 11.95	
97. 5.21	7	18.846	12.19	
98. 5.18	7	18.819	12.94	
98. 6. 7	7	18.917	13.12	
97.9		18.923	12.55	

7249 9.3 2.4601 +0.0021 −12.276 +0.289 30°2676

97. 5.20	7	15 29 0 640	30 4 16.21	
97. 5.21	7	0.475	16.53	
98. 5.18	7	0.590	15.40	
97.7		0.568	16.05	

7267 9.5 2.4563 +0.0022 −12.142 +0.290 30°2679

97. 5.28	7	15 30 57.351	30 3 55.43	
97. 6.10	7	57.187	56.80	
98. 5.25	7	57.231	55.60	
97.7		57.256	55.94	

7269 9.4 2.5735 +0.0027 −12.123 +0.304 25°2940

97. 6.11	7	15 31 13.306	25 5 44.26	
97. 6.12	7	13.085	44.27	
98. 6. 7	7	13.129	43.00	
97.8		13.173	43.84	

7277 9.2 2.5599 +0.0026 −12.016 +0.304 — —

97. 5.20	7	15 32 45.402	25 34 37.71	
97. 5.21	7	45.293	37.97	
98. 5.18	6	45.205	37.34	
97.7		45.300	37.67	

7328 9.2 2.5643 +0.0029 −11.483 +0.312 24°2920

97. 5.20	7	15 40 15.924	24 51 36.90	
97. 5.21	6	15.947	38.20	
98. 5.18	7	15.703	37.06	
98. 6. 7	7	15.851	38.13	
97.9		15.856	37.57	

7354 9.4 2.5455 +0.0030 −11.192 +0.313 25°2974

97. 6.10	7	15 44 18.222	25 23 51.94	f. of 2
97. 6.11	7	18.554	52.36	
98. 5.18	7	18.447	50.96	
98. 6. 7	7	18.447	50.94	
97.9		18.418	51.55	

7360 $9^{m}5$ $2^{s}4893$ $+0^{s}0027$ $-11''152$ $+0''307$ 27°2546

97. 5.20	7	$15^{h}44^{m}51^{s}461$	27° 40′ $55''81$
97. 5.21	7	51.351	55.93
98. 5 25	7	51.448	57.16
97.7		51.420	56.30

7381 9.5 2.5087 +0 0029 −10.911 +0.312 — —

97. 5.20	5	15 48 8.761	26 40 26.22
97. 5.21	6	8.459	27.43
98. 6. 7	7	8.459	28.56
97.7		8.560	27.40

7389 9.3 2.4675 +0.0028 −10.841 +0.307 28°2492

97. 6.10	7	15 49 6.194	28 15 58.53
97. 6.11	7	6.555	59.09
98. 5.25	7	6.628	57.91
97.8		6.459	58 51

7411 9.1 2.5029 +0.0030 −10.556 +0.315 26°2760

97. 5.20	7	15 52 57.575	26 36 7.05
97. 5.21	7	57.407	7.55
98. 5.18	7	57.532	6.74
97.7		57.505	7.11

7412 9.0 2.5100 +0.0031 −10.535 +0.316 26°2761

97. 6.10	3	15 53 14.411	26 18 3.53
97. 6.11	7	14.519	3.41
98. 5.25	7	14.438	1.69
97.8		14.456	2.88

7416 9.3 2.4931 +0.0030 −10.526 +0.314 27°2562

97. 6.14	1	15 53 20.970	26 58 39.29
97. 6 21	7	21.241	38.63
98. 6. 7	7	21.000	37.27
97.8		21.070	38.40

7420 8.0 2.4647 +0.0029 −10.516 +0.311 28°2503

97. 6 26	7	15 53 29.611	28 5 24.06

7426 9.1 2.5355 +0.0032 −10.496 +0 319 — —

97. 6.12	7	15 53 45.295	25 13 39.94
97. 6.23	7	45.279	39.95
98. 6.10	7	45.108	39.28
97.8		45.227	39.72

7436 9.2 2.4522 +0.0029 −10.393 +0.310 28°2505

97. 6.30	7	15 55 8.373	28 28 [10.78]
98. 6.17	7	8.151	17.53
98 6.20	7	8.303	18.18
98. 6.22	7	8.199	16.84
98.2: 98.5		8.256	17.52

7439 9.5 2.4795 +0.0030 −10.354 +0.314 27°2569

97. 6.10	7	15 55 38.864	27 22 14.60
97. 6.11	4	39.220	14.43
98. 6.21	7	38.951	14.34
97 8		39.012	14.46

7447 $9^{m}5$ $2^{s}4505$ $+0^{s}0030$ $-10''329$ $+0''311$ — —

97. 6.12	2	$15^{h}55^{m}59^{s}891$	28° 28′ $53''47$
97. 6.21	4	59.759	51.32
98. 5.18	4	59.647	51.30
97.8		59.766	52.03

7459 9.4 2.5062 +0.0031 −10.211 +0.319 26°2774

97. 5.20	7	15 57 34.365	26 11 31.33
97. 5.21	7	34.154	31.63
98. 5.25	7	34.175	31.52
97.7		34.231	31.49

7468 7.5 2.5196 +0.0031 −10.111 +0.322 25°3020

97. 6.26	7	15 58 52.481	25 34 46.17
97. 7. 1	6	52.581	45.71
97.5		52.531	45.94

7469 9.3 2.4229 +0.0030 −10.101 +0.310 29°2763

97. 6.10	6	15 59 1.621	29 20 58.37
97. 6.11	7	1.802	58.23
98. 6. 7	7	1.612	57.69
97.8		1.678	58.10

7470 9.1 2.4807 +0.0031 −10.090 +0.317 27°2579

97 6.14	7	15 59 10.287	27 6 46.24
97. 6.21	5	10.316	45.34
98. 6.10	7	10.086	44.75
97.8		10.230	45.44

7476 9.4 2.4077 +0.0029 −10.031 +0.308 29°2765

97. 6.12	7	15 59 56.903	29 51 35.28
98. 6.20	7	56.845	35.43
98.0		56.874	35.36

7478 9.5 2.4894 +0.0031 −10.019 +0.319 26°2781

98. 5.18	7	16 0 5.655	26 42 53.10	
98. 6.21	7	5.626	52.99	
98. 6.22	7	5.331	54.19	v. ft.
98.4		5.537	53.43	

7483 9.3 2.4197 +0.0030 − 9.964 +0.311 29°2767

97. 6.30	7	16 0 49.933	29 21 8.94
98. 5.25	5	49.785	7.16
97.9		49.859	8.05

7487 9.5 2.4953 +0.0032 − 9.850 +0.321 — —

97. 5.21	7	16 2 19.214	26 21 16.00
97. 6.12	2	19.563	17.37
98. 6.10	5	19.373	15.58
97.8		19.383	16.32

7492 9.5 2.5231 +0.0033 − 9.824 +0.325 25°3034

97. 6.10	7	16 2 40.036	25 13 49.49
97. 6.11	7	40.180	48.83
98. 6. 7	7	40.039	48.86
97.8		40.085	49.06

7502 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.4588$ $+0^{\mathrm{s}}.0031$ $-\,9''.702$ $+0''.318$ 27°2592

97. 6.14	7	$16^{\mathrm{h}}\,4^{\mathrm{m}}15^{\mathrm{s}}.501$	27° 39′ 56″.70	
97. 6.21	7	15.446	56.75	
98. 5.18	7	15.222	56.11	
97.8		15.390	56.52	

7510 9.5 2.4862 +0.0032 − 9.662 +0.322 26°2793

97. 6.23	7	16 4 46.991	26 34 36.84	
98. 5.25	7	46.830	34.92	
98. 6.20	7	46.851	36.64	
98.1		46.891	36.13	

7520 9.5 2.4877 +0.0032 − 9.591 +0.323 26°2796

97. 5.21	7	16 5 42.260	26 27 55.30	
97. 6.12	7	42.568	56.81	
98. 6.21	7	42.348	55.74	
98. 6.22	7	42.237	56.25	
97.9		42.353	56.02	

7531 9.4 2.4568 +0.0031 − 9.530 +0.320 27°2599

97. 6.10	7	16 6 30.192	27 37 1.96	
97. 6.11	7	30.292	2.88	
98. 6. 7	7	30.279	1.14	
97.8		30.254	1.99	

7552 9.5 2.3995 +0.0031 − 9.288 +0.314 — —

97. 6.12	5	16 9 38.195	29 35 17.76	
97. 6.14	7	37.967	17.76	v. ft.
98. 5.18	7	37.719	14.01	
97.8		37.960	16.51	

7571 9.0 2.4872 +0.0033 − 9.108 +0.327 — —

97. 6.12	3	16 11 57.639	26 9 34.61	
97. 6.21	7	57.626	33.96	
98. 5.25	7	57.253	30.56	v. ft.
97.8		57.506	33.04	

7582 9.4 2.4947 +0.0033 − 8.967 +0.329 25°3064

97. 6.11	7	16 13 45.366	25 46 34.68	p. of 2
97. 6.14	7	45.361	34.52	p. of 2
98. 5.18	7	45.293	32.99	
97.8		45.340	34.06	

7587 9.4 2.5147 +0.0034 − 8.943 +0.332 — —

97. 6.23	7	16 14 3.626	24 58 52.99	
97. 6.30	7	3.595	53.74	
98. 6. 7	7	3.522	51.91	
97.8		3.581	52.88	

7595 9.3 2.5154 +0.0034 − 8.863 +0.332 — —

97. 6.12	5	16 15 4.095	24 54 33.05	
97. 7. 1	7	4.129	34.20	too light
98. 6.10	7	3.887	31.99	
97.8		4.037	33.08	

7606 9.5 2.4835 +0.0033 − 8.772 +0.330 26°2832

97. 6.11	3	16 16 14.520	26 5 31.46	
97. 6.21	7	14.607	30.83	
98. 5.25	7	14.391	29.19	
97.8		14.506	30.49	

7616 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.3720$ $+0^{\mathrm{s}}.0032$ $-\,8''.651$ $+0''.316$ 30°2799

97. 6.12	4	$16^{\mathrm{h}}\,17^{\mathrm{m}}46^{\mathrm{s}}.820$	30° 8′ 18″.23	
97. 6.23	7	46.662	19.19	
98. 5.18	7	46.616	16.80	
97.8		46.699	18.07	

7627 9.3 2.5114 +0.0034 − 8.566 +0.335 24°3001

97. 6.14	7	16 18 51.684	24 53 25.73	
97. 6.21	4	51.667	27.49	w. 4 + 1^{s}
98. 6. 7	7	51.689	26.38	
97.8		51.680	26.53	

7644 9.5 2.4336 +0.0033 − 8.422 +0.326 — —

97. 6.11	7	16 20 40.078	27 45 31.47	
97. 6.30	5	40.118	31.81	
98. 5.25	7	39.961	31.69	
97.8		40.052	31.66	

7646 9.2 2.4691 +0.0033 − 8.414 +0.331 26°2840

97. 6.12	6	16 20 46.371	26 25 33.55	
97. 7. 1	7	46.302	33.35	
98. 6.10	7	46.173	32.20	
97.8		46.282	33.03	

7656 9.5 2.5024 +0.0034 − 8.321 +0.336 — —

97. 6.23	7	16 21 56.018	25 5 54.00	
97. 6.30	2	55.965	54.12	
98. 5.18	7	55.903	52.48	
97.8		55.962	53.53	

7664 9.3 2.5074 +0.0034 − 8.242 +0.336 24°3011

97. 6.14	7	16 22 55.886	24 51 49.91	
97. 6.21	7	56.014	49.99	
98. 6. 7	7	55.881	49.16	
97.8		55.927	49.69	

7675 9.1 2.3849 +0.0033 − 8.089 +0.322 29°2835

97. 6.11	7	16 24 50.508	29 19 50.15	
97. 6.12	7	50.412	50.63	
98. 5.18	2	50.318	48.52	
97.8		50.413	49.77	

7700 9.3 2.4416 +0.0033 − 7.861 +0.331 27°2656

97. 6.11	4	16 27 40.786	27 8 53.47	
97. 6.12	5	40.642	54.46	
98. 5.25	7	40.429	53.39	
97.8		40.619	53.77	

7701 9.4 2.5029 +0.0034 − 7.839 +0.340 24°3024

97. 6.14	7	16 27 57.285	24 49 29.48	
97. 6.21	5	57.345	29.87	
98. 5.18	4	57.237	29.02	
97.8		57.289	29.46	

7714 9.3 2.4621 +0.0034 − 7.672 +0.335 26°2862

97. 6.21	3	16 30 1.411	26 17 16.12	
97. 6.23	7	1.328	15.55	
98. 6. 7	7	1.380	15.00	
97.8		1.373	15.56	

7726 $9^{m}5$		$2^{s}4785$ +$0^{s}0034$	− 7″552 +0″338	25°3108
97. 6.30	7	$16^{h}31^{m}30^{s}794$	25° 36′ 53″18	
97. 7. 1	5	30.725	50.30	ex. ft.
98. 6.10	7	30.559	49.81	
97.8		30 693	51.10	
7736 9.1		2.3991 +0.0033	− 7.457 +0.328	28°2590
97. 6.23	7	16 32 41.093	28 28 33.62	
97. 7. 1	4	41.176	32.04	
98. 5.18	7	41.094	32.14	
97.8		41.121	32.60	
7755 9.5		2.4698 +0.0034	− 7.298 +0.339	— —
97. 6.14	7	16 34 38.247	25 49 10.66	
97. 6.21	7	38.396	11.43	
98. 6. 7	7	38.172	9.93	
97.8		38.272	10.67	
7768 9.1		2.4032 +0.0033	− 7.177 +0.330	28°2601
97. 6.23	7	16 36 7.135	28 11 12.48	
97. 7. 1	1	7.211	12.37	
98. 6.10	7	7.124	12.52	
97.8		7.157	12.46	
7770 9.2		2.4737 +0.0034	− 7.146 +0.340	25°3116
97. 6.30	5	16 36 30.371	25 36 5.58	
98. 5.18	7	30.222	3.73	
98. 6.17	7	30 218	4.47	
98. 6.20	7	30 245	4.57	
98.2		30.264	4.59	
7778 9.2		2.3666 +0.0033	− 7.047 +0.326	— —
97. 6.14	5	16 37 42.931	29 24 41.42	
97. 6.21	5	43.013	40.90	
98. 6.22	7	42.812	40.29	
97.8		42.919	40.87	
7795 9.4		2.3480 +0.0033	− 6.926 +0.324	30°2867
97 6.23	6	16 39 11.127	29 59 43.60	
97. 7. 1	7	11.152	43.12	
98. 6. 7	7	10.993	42.58	
97.8		11.091	43.10	
7813 9.4		2.4720 +0.0034	− 6.726 +0.342	25°3133
97. 6.14	7	16 41 36.894	25 28 56.70	
97. 6.21	7	36.881	57.16	
98. 6.10	7	36.888	56.00	
97.8		36.888	56.62	
7819 9.5		2.4569 +0.0033	− 6.697 +0.341	26°2900
97. 6.23	4	16 41 58.132	26 1 34.31	
97. 6.30	7	58.181	36.64	
98. 6.17	6	57.831	34.37	
98. 6.20	7	58.085	34.95	
98.0		58.057	35.07	
7841 9.5		2.3779 +0.0033	− 6.483 +0.331	28°2615
97. 6 14	5	16 44 33.569	28 45 26.86	
97. 6.21	5	33.662	27.38	
98. 6. 7	5	33.534	26.79	
97.8		33.588	27.01	

7872 $9^{m}5$		$2^{s}4475$ +$0^{s}0033$	− 6″187 +0″342	— —
97. 6.14	7	$16^{h}48^{m}$ $6^{s}794$	26° 9′ 42″35	
97. 6.21	7	6.807	41.19	
98 6.10	7	6.486	38.97	
97.8		6.696	40.84	
7878 9.2		2.3486 +0.0032	− 6.151 +0.329	29°2894
97. 6.23	7	16 48 33.052	29 37 34.68	d.n.p.
97. 6.30	7	33.206	35.70	d.n.p. [bad
98. 6. 7	3	32.586	33.60	d.n.p. clds.
97.8		32.948	34.66	
7886 9.4		2.3992 +0.0033	− 6.095 +0.336	— —
97. 7. 1	7	16 49 13.593	27 51 12.70	
98. 6 17	7	13.444	13.65	
98. 6.20	7	13.488	12.96	
98.1		13.508	13.10	
7898 9.5		2.4437 +0.0033	− 5.971 +0.343	26°2918
97. 6.14	3	16 50 42.546	26 13 6.83	
97. 6.21	1	42.578	6.32	
98. 6.22	7	42.256	4.85	
98. 6.29	7	42.129	6.03	
98.0		42.377	6.01	
7924 9.5		2.3516 +0.0032	− 5.754 +0.331	— —
97. 6 23	7	16 53 18.208	29 21 47.81	
97. 6.30	7	18.413	48.16	
98. 6.10	7	18.076	47.02	
97.8		18.232	47.66	
7933 9.3		2.3792 +0.0032	− 5.690 +0.335	— —
97. 6.14	7	16 54 3.734	28 23 50.63	p. of 2
97. 6.21	7	3.850	51.04	
98. 6.17	7	3.700	51.28	
97.8		3.761	50.98	
7935 9.5		2.3506 +0.0032	− 5.653 +0.332	— —
98. 6 20	7	16 54 29.931	29 21 45 37	
98. 6.22	7	29.731	42.80	n. of 2 : too ft.
98. 6.29	3	29.339	47.56	
98.5		29.667	45.24	
7944 9.4		2.4167 +0.0032	− 5.567 +0.341	27°2735
98 7. 4	7	16 55 31.723	27 2 24.00	
98. 7. 7	7	32.000	25.00	
98. 7.13	7	31.788	27.04	
98.5		31.837	25.35	
7957 9.5		2.3631 +0.0032	− 5.451 +0.334	28°2650
97. 6.14	4	16 56 54.724	28 51 51.97	
97. 6.21	5	54.817	52.83	
98. 7.14	7	54.650	53.06	
97.8		54.730	52.62	
7958 9.4		2.3487 +0.0032	− 5.449 +0.332	29°2922
97. 6 30	7	16 56 55.834	29 21 9.99	
98. 6.10	7	55.732	7.11	
98. 7.15	7	55.445	9.97	v. ft.
98.2		55.670	9.02	

7963	9^{m}2	2^{s}4485	+0^{s}0032	− 5″412	+0″346	25°3185
97. 6.23	7	16^{h}57^{m}22^{s}318		25° 51′ 12″06		
98. 7. 8	7	22.097		11.52		
98. 7.16	7	22.109		12.19		
98.2		22.175		11.92		
7975	9.4	2.3868	+0.0032	− 5.357	+0.338	28°2655
97. 7.27	7	16 58 1.368		28 0 47.01		
98. 6.17	7	1.459		47.17		
98. 6.20	7	1.330		48.17		
98.2		1.386		47.45		
7980	9.2	2.4102	+0.0032	− 5.274	+0.341	27°2744
98. 6.22	7	16 58 60.198		27 10 10.45		
98. 6.29	7	60.083		11.63		
98. 7.13	4	59.961		12.50		
98.5		60.081		11.53		
7988	9.4	2.3500	+0.0032	− 5.208	+0.333	29°2932
98. 7. 4	7	16 59 47.073		29 13 25.04		
98. 7. 7	7	47.093		26.71		
98.5		47.083		25.88		
7995	9.4	2.3519	+0.0032	− 5.175	+0.334	29°2934
97. 6.14	7	17 0 11.170		29 8 50.39		
97. 6.21	6	11.218		50.26		
98. 7.16	4	11.040		49.97		
97.8		11.143		50.21		
8015	9.2	2.3943	+0.0032	− 5.045	+0.340	27°2760
97. 6.23	7	17 1 43.182		27 39 7.18		
98. 6.10	7	43.288		5.89		
98. 7.14	7	43.158		7.07		
98.1		43.209		6.71		
8020	9.5	2.4547	+0.0032	− 5.026	+0.349	25°3200
97. 6.30	7	17 1 56.720		25 30 22.42		
98. 6.17	7	56.473		21.65		
98. 6.20	7	56.582		20.85		
98.1		56.592		21.64		
8023	9.4	2.4434	+0.0032	− 5.008	+0.347	25°3202
97. 7.24	7	17 2 8.947		25 54 28.04		
98. 7. 8	7	8.647		27.71		
98. 7.15	5	8.492		27.14		v. ft.
98.2		8.695		27.63		
8024	9.4	2.4700	+0.0032	− 4.981	+0.351	24°3123
97. 7.27	7	17 2 28.102		24 56 21.62		
98. 6.22	7	28.045		19.90		
98. 6.29	7	28.181		21.64		
98. 7.13	7	27.902		22.17		
98.3		28.058		21.33		
8028	9.4	2.3377	+0.0031	− 4.965	+0.333	29°2940
97. 6.14	3	17 2 39.705		29 33 15.97		
97. 6.21	3	39.720		15.58		
98. 7. 4	4	39.455		13.72		
98. 7. 7	4	39.615		15.01		
98.0		39.624		15.07		

8089	9^{m}3	2^{s}4672	+0^{s}0031	− 4″317	+0″354	24°3156
97. 6.21	7	17^{h}10^{m}16^{s}404		24° 51′ 54″25		
97. 6.23	7	16.396		53.48		
98. 6.10	7	16.119		52.68		
98. 7.13	7	16.082		53.29		
98.0		16.250		53.42		
8090	9.3	2.3226	+0.0031	− 4.313	+0.333	29°2967
97. 6.30	7	17 10 19.086		29 51 39.80		
98. 6.17	7	18.944		40.09		
98. 6.20	7	19.059		39.70		
98. 7.14	7	18.861		39.74		v. ft.
98.2		18.988		39.83		
8107	9.3	2.3208	+0.0030	− 4.184	+0.333	29°2976
97. 7.24	7	17 11 48.962		29 53 16.57		
98. 6 22	7	48.925		15.32		
98. 6.29	7	48.760		16.72		
98. 7 15	7	48.814		16.23		
98.3		48.865		16.21		
8138	9.5	2.4326	+0.0030	− 3.954	+0.350	— —
97. 6.21	7	17 14 30.666		26 0 54.56		
97. 6.23	7	30.528		51.72		
98 6.10	7	30.389		50.51		
98. 7.13	5	30.308		51.66		too ft. bad
98.0		30.473		52.11		
8162	9.0	2.4288	+0.0030	− 3.734	+0.350	26°3008
97. 6.30	7	17 17 4.266		26 5 47.54		
97. 7.23	7	4.119		46.38		
98. 6.17	7	4.142		46.41		
98. 6.20	7	4.164		46.46		
98.0		4.173		46.70		
8177	9.5	2.4393	+0.0030	− 3.572	+0.351	25°3257
97 6.23	5	17 18 57.607		25 41 23.77		
97. 7.24	7	57.445		22.44		
98. 6.10	7	57.315		21.20		
98. 7.13	7	57.271		22.87		
98.0		57.410		22.57		
8190	9.4	2.4513	+0.0029	− 3.412	+0.354	25°3262
97. 6.30	7	17 20 48.955		25 14 13.91		
98. 6.17	3	48.644		9.94		v. ft.
98. 6.20	7	48.658		11.00		
98. 7.14	7	48.654		11.54		
98.2		48.728		11.60		
·8207	7.9	2.4032	+0.0029	− 3.260	+0.347	26°3023
97. 8. 4	7	17 22 34.713		26 53 34.07		
97. 8.12	7	34.746		34.44		
97.6		34.730		34.26		
8208	8.4	2.3967	+0.0029	− 3.259	+0.346	27°2817
97. 8.10	6	17 22 35.381		27 7 14.22		
97. 8.11	5	35.271		14.61		
97.6		35.326		14.42		

8209 $9^{m}.4$ $2^{s}.3539$ $+0^{s}.0029$ $-$ $3''.243$ $+0''.340$ — —

97. 6.23	7	$17^{h}22^{m}46^{s}.702$	28° 34′ 3″.77	n. p. of 2
98. 6.10	7	46.448	3.36	n. of 2
98. 6.22	7	46.538	2.11	
98. 7.13	7	46.499	3.74	
98.2		46.547	3.24	

The s. f. star is probably 28°2747

8224 9.3 2.3700 +0.0029 $-$ 3.152 +0.343 28°2753

97. 7.23	7	17 23 49.287	28 0 29 89	
97. 8. 2	7	49.552	30.12	
98. 6.29	7	49.259	30.09	
98. 7.15	7	49.232	29.36	
98.0		49.332	29.86	

8226 9.5 2.3416 +0.0029 $-$ 3.144 +0.338 28°2755

97. 6.30	5	17 23 55.551	28 57 35.41	
98. 7. 4	7	55.200	32.80	clds.
98. 7. 8	7	55.391	34.03	bright
98. 7.16	7	55.339	35.00	
98.3		55.370	34.31	

8232 9.5 2.4543 +0.0029 $-$ 3.099 +0.355 — —

97. 7.24	7	17 24 26.381	25 4 21.85	
97. 7.31	7	26.471	20.05	v. ft.
98. 6.17	5	26.199	20.57	
98. 6.20	7	26.179	20.83	
98.0		26.308	20.82	

8254 9.4 2.4464 +0.0028 $-$ 2.905 +0.355 — —

97. 6.23	7	17 26 41.286	25 19 21.10	
97. 6.30	4	41.357	21.91	
98. 6.10	7	41.057	19.51	
98. 7.13	7	41.072	20.19	v. ft.
98.0		41.193	20.68	

8278 9.4 2.3122 +0.0028 $-$ 2.742 +0.335 29°3045

97. 7.23	4	17 28 33.412	29 51 2.20	
97. 8. 4	7	33.699	0.90	
98. 6.20	7	33.669	2.30	
98. 7.15	3	33.371	0.91	
98.0		33.538	1.58	

8281 9.5 2.3924 +0.0028 $-$ 2.718 +0.347 27°2838

97. 7.31	7	17 28 49.969	27 10 6.64	
98. 6.22	7	49.997	4.33	
98. 6.29	7	49.934	5.95	
98.2		49.967	5.64	

8296 9.2 2.4310 +0.0028 $-$ 2.631 +0.353 — —

97. 7.24	7	17 29 50.236	25 49 10.65	2nd of 4: v. ft.
98. 7. 7	7	50.111	9.87	
98. 7.14	7	50.148	11.18	v. ft.
98.2		50.165	10.57	

8297 9.4 2.3181 +0.0028 $-$ 2.610 +0.336 — —

97. 8. 2	7	17 30 4.525	29 38 13.29	
98. 7. 8	7	4.546	11.40	
98. 7.16	7	4.675	13.43	
98.2		4.582	12.71	

8299^{a} $9^{m}.1$ $2^{s}.4303$ $+0^{s}.0028$ $-$ $2''.602$ $+0''.353$ 25°3302

97. 6.23	7	$17^{h}30^{m}10^{s}.550$	25° 50′ 19″.80 ‖	n. p. of 2

Confirmed by Oxford photograph 97.7.26

8305 9.5 2.3790 +0.0027 $-$ 2.526 +0.346 — —

97. 6.30	7	17 31 3.458	27 35 40.81	
98. 6.10	7	2.996	37.41	
98.0		3.227	39.11	

8324 9.3 2.4422 +0.0027 $-$ 2.399 +0.354 25°3311

97. 7.23	7	17 32 31.001	25 23 37.31	
98. 6.20	7	30.947	37.82	
98. 6.22	7	30.902	34.95	
98.2		30.950	36.69	

8325 9.5 2.4353 +0.0027 $-$ 2.397 +0.353 25°3312

97. 7.31	7	17 32 32.496	25 38 11.74	
98. 6.29	7	32.649	11.91	
98.0		32.572	11.82	

8326 9.5 2 3753 +0.0027 $-$ 2.373 +0.345 27°2854

97. 8. 4	7	17 32 48.964	27 41 52.02	
98. 7.13	5	48.772	51.12	
98.1		48.868	51.57	

8334 9.4 2.4293 +0.0027 $-$ 2.269 +0.353 — —

97. 7.24	7	17 34 0.250	25 49 33.34	v. ft.
98. 7. 7	7	0.344	31.36	
98. 7. 8	7	0.073	31.63	clds. v. ft.
98.2		0.222	32.11	

8337 9.2 2.3569 +0.0027 $-$ 2.256 +0.343 28°2796

97. 8.18	6	17 34 9.316	28 18 8.35	clds.
97. 8.19	6	9.206	8.46	not dark
98. 7.14	7	9.244	10.28	
97.9		9.255	9.03	

8343 9.0 2.4411 +0.0027 $-$ 2.228 +0.355 — —

97. 8. 2	7	17 34 28.776	25 24 30.53	
98. 6.10	2	28.874	27.82	
98. 7.16	7	28.882	31.48	
98.2		28.844	29.94	

8353 9.5 2.4264 +0.0027 $-$ 2.127 +0.353 25°3323

97. 7.23	4	17 35 38.283	25 54 39.82	
97. 7.31	6	38.394		no decl.
98. 6.29	6	38.281	40.42	
98. 7.15	5	38.167	39.71	
98.0 : 98.2		38.281	39.98	

8356 9.5 2.4166 +0.0027 $-$ 2.115 +0.352 26°3058

97. 6.30	7	17 35 46.836	26 15 4.79	
97. 7.29	7	46.668	3.44	
98. 6.22	5	46.548	1.88	
97.8		46.684	3.37	

8378 $9^{m}3$ $2^{s}3709$ $+0^{s}0026$ $-$ $1''972$ $+0''345$ 27°2872

97. 7.23	3	$17^{h}37^{m}25^{s}476$	27° 47′ 47″50	
97. 7.24	7	25.327	47.71	
98. 6.20	7	25.366	47.40	
98. 7.13	7	25.461	47.03	
98.0		25.408	47.41	

8433 9.5 2.3210 +0.0025 − 1.526 +0.338 29°3113

97. 6.30	7	17 42 32.083	29 24 10.54	
97. 7.29	7	32.162	8.74	s. of 2: + 1^{s}
98. 6.10	7	31.937	6.58	s. of 2
98. 7.13	7	32.060	8.56	
98.0		32.060	8.60	

8444 9.1 2.4168 +0.0025 − 1.478 +0.352 26°3082

97. 7.23	7	17 43 5.291	26 10 47.30	
97. 7.31	7	5.318	46.27	
98. 6.20	7	5.273	47.02	
98. 7.14	3	5.162	46.40	
98.0		5.261	46.75	

8448 9.5 2.4392 +0.0025 − 1.447 +0.355 25°3352

97. 7.24	7	17 43 27.202	25 23 40.84	n.p. of 2
97. 8. 2	7	27.153	40.37	n.p. of 2
98. 6.22	7	26.988	40.13	n.p. of 2
98. 7.15	7	27.024	41.26	
98.0		27.092	40.65	

8470 9.4 2.3991 +0.0025 − 1.229 +0.350 26°3092

97. 6.30	7	17 45 56.432	26 46 14.50	
97. 8. 4	7	56.475	13.49	
98. 6.29	3	56.224	14.90	
98. 7.16	7	56.395	15.76	
98.0		56.382	14.66	

8473 9.3 2.3053 +0.0025 − 1.216 +0.336 — —

97. 7.23	5	17 46 4.991	29 53 18.78	
97. 7.31	4	4.745	18.14	v. ft.
98. 6.10	3	5.034	17.03	
97.9		4.923	17.98	

8518 9.2 2.4074 +0.0024 − 0.941 +0.351 26°3116

97. 6.30	5	17 49 14.264	26 27 58.47	
97. 8.12	7	14.316	58.66	
98. 6.20	7	14.252	57.50	
97.9		14.277	58.21	

8522 9.5 2.3497 +0.0024 − 0.918 +0.342 — —

97. 7.24	7	17 49 29.853	28 24 55.44	
97. 8. 4	7	29.858	55.81	
98. 6.22	7	29.621	53.50	ft.
97.9		29.777	54.92	

8524 9.1 2.3140 +0.0024 − 0.907 +0.338 29°3142

97. 7.23	7	17 49 37.530	29 35 11.98	
97. 8. 2	7	37.430	11.25	
98. 6 29	7	37.341	11 18	
98. 7.16	6	37.484	11.37	
98.0		37.446	11.44	

8543 $9^{m}3$ $2^{s}4352$ $+0^{s}0023$ $-$ $0''732$ $+0''355$ 25°3388

97. 7.29	7	$17^{h}51^{m}37^{s}971$	25° 29′ 26″41	
97. 8.18	7	38.054	26.04	
98. 6.10	7	37.985	25.62	
97.9		38.003	26.02	

8547 9.3 2.3930 +0.0024 − 0.714 +0.349 26°3130

97. 7.31	7	17 51 49.990	26 56 54.97	s. f. of 2
97. 8 19	6	50 080	54.02	v. ft.
98. 7.13	7	50 208	54.27	
97.9		50.093	54.42	

8553 9.0 2.3145 +0.0024 − 0.680 +0.338 29°3151

97. 6.30	5	17 52 13.672	29 33 39.46	
98. 7. 8	7	13.623	36.78	
98. 7.15	7	13 572	38.70	
98.2		13.622	38.31	

This agrees with Bonn VI. but is 5^{s} earlier than Bonn IV.

8562 9.1 2.3659 +0.0023 − 0.628 +0.346 27°2922 A

97. 7.23	7	17 52 49.094	27 51 32.05	
97. 8. 4	5	49.176	31.08	
98. 6.20	7	49.252	31.79	
97.9		49.174	31.64	

8577 9.5 2.4003 +0.0023 − 0.508 +0.350 26°3141

97. 7.24	7	17 54 11.287	26 41 27.21	f. of 2
97. 8.12	7	11.269	25.37	
98. 6.22	7	11.220	25.70	
98. 7.16	7	11.357	25.80	
98.0		11.283	26.02	

8578 9.4 2.4506 +0.0023 − 0.506 +0.357 24°3292

97. 8. 2	7	17 54 13.094	24 56 35.88	
97. 8.19	2	13.253	35.62	
98. 6.29	7	12 855	36.15	
97.9		13.067	35.88	

8595 9.0 2.4043 +0.0023 − 0.358 +0.351 26°3145 B

97. 7.29	5	17 55 54.792	26 33 8.56	
97. 8.18	7	54.920	9.51	
98. 6.10	7	54.779	8.76	
98. 7.13	7	54.721	10.75	
98.0		54.803	9.40	

8602 9.0 2.3861 +0.0023 − 0.322 +0.348 27°2934

97 7.23	7	17 56 18.838	27 10 8.52	
97. 7.31	5	18.852	7.16	
98 6.20	6	18.957	8.35	
98. 7 15	7	18.948	8.82	
98.0		18.899	8.21	

8632 Examined 97.8.4: star not found. See main catalogue

8650 9.3 2.3634 +0.0022 − 0.018 +0.344 27°2949

97. 7.23	7	17 59 47.241	27 55 60.15	
97. 7.29	7	47.433	60.52	
98. 6.20	7	47.377	59.78	
98. 7.13	7	47.530	61.31	
98.0		47.395	60.44	

8668 $9^{m}.2$ $2^{s}.3488$ $+0^{s}.0022$ $+\ 0''.211$ $+0''.342$ 28°2924

97. 7.24	7	$18^{h}\ 2^{m}24^{s}.309$	$28°\ 25'\ 15''.32$	s. f. of 2
97. 8. 4	7	24.434	15 13	
98. 6.22	7	24.353	13.66	
97.9		24.365	14.70	

8676 9.2 2.3351 +0.0022 + 0.244 +0.341 28°2927

97. 7.31	5	18 2 47 251	28 52 17.38	
97. 8.11	7	47.208	15.73	
98 6.29	7	47.209	17.55	
97.9		47.223	16.89	

8679 9.4 2.3711 +0.0021 + 0.259 +0.346 — —

97. 8. 2	3	18 2 57.542	27 40 32.29	v. ft.

On two subsequent occasions this star could not be found: it is shewn on Oxford photographs 97.8.3 and 01.7.16

8698 9.3 2.3349 +0.0021 + 0.457 +0.341 28°2934

97. 8. 2	5	18 5 13.155	28 52 58.25	n. p. of 2
98. 6.20	7	13.230	59.52	p. of 3
98. 7.13	7	13.188	59.07	p. of 3
98 7.16	7	13.206	58.42	p. of 3
98.3		13.195	58.82	

8699 9.5 2.3155 +0.0021 + 0.461 +0.337 — —

97. 7.31	4	18 5 15.637	29 31 3.76	
98. 7. 8	7	15.648	2.26	
98. 7.15	7	15.647	4.61	
98.2		15.644	3.54	

8705 9.5 2.3956 +0.0021 + 0.491 +0.349 26°3186

97. 7.23	7	18 5 36.003	26 51 11.62	
98. 7. 7	5	36.084	11.30	
98. 8.16	4	36.210	11.50	
98.2		36.099	11.47	

8710 9.4 2.3045 +0.0021 + 0.531 +0.336 29°3196

97. 7.24	7	18 6 3.650	29 52 29.59	n. p. of 2
97. 8. 4	7	3.722	29.43	
98. 6.22	7	3.600	28.29	p. of 2
97.9		3.657	29.10	

8738 9.5 2.3403 +0.0021 + 0.709 +0.340 — —

97. 7.29	7	18 8 6.048	28 42 44.87	
97. 8.11	5	5.973	44.80	
98. 7.13	4	6.143	46.53	
97.9		6.055	45.40	

8743 9.3 2.4133 +0.0020 + 0.744 +0.351 26°3197

97. 8. 2	7	18 8 29.804	26 15 7.51	
97. 8.12	7	29.768	6.86	
98. 6.20	5	29.758	6.60	
97.9		29.777	6.99	

8768 9.1 2.4407 +0.0019 + 0.921 +0.355 25°3473

97. 7.23	7	18 10 31.545	25 18 36.52	n. of 2
97. 8.18	7	31.655	36.56	n. of 2
98. 6.22	7	31.450	36.44	n. of 2
97.9		31.550	36.51	

8769 $9^{m}.4$ $2^{s}.4418$ $+0^{s}.0019$ $+\ 0''.922$ $+0''.355$ 25°3474

97. 7.31	7	$18^{h}10^{m}32^{s}.231$	$25°\ 16'\ 7''.66$	n. f. of 2
97. 8.19	7	32.385	6.73	n. f. of 2
98. 7. 7	7	32.380	6.45	n. f. of 2
97.9		32.332	6.95	

8774 9.5 2.4199 +0.0020 + 0.941 +0.352 — —

97. 7.24	7	18 10 45.120	26 1 60.55	
97. 8.27	7	45.198	59.32	
98. 7.15	7	45.006	61.71	
97.9		45.108	60.53	

8782 9.5 2.3212 +0.0020 + 1.007 +0.338 — —

97. 8. 4	7	18 11 30.631	29 21 25.82	
98. 7. 8	7	30.502	25.66	
98. 7.16	7	30.625	28.26	
98.2		30.586	26.58	

8789 9.3 2.4507 +0.0019 + 1.084 +0.356 — —

97. 7.29	7	18 12 23.050	24 58 6.31	v. ft.
98. 6.20	7	23.131	5.59	
98. 8.16	7	23.211	6.66	
98.2		23.131	6.19	

8793 9.5 2.3183 +0.0020 + 1.099 +0.337 — —

97. 8. 2	7	18 12 33.527	29 27 32.78	
98. 7.13	7	33.459	33.57	
98. 8.17	7	33.477	30.82	
98.2		33.488	32.39	

8794 9.3 2.3168 +0.0020 + 1.104 +0.337 29°3227

98. 8.27	7	18 12 37.162	29 30 25.49	

8796 9.5 2.3178 +0.0020 + 1.112 +0.337 — —

97. 8.10	5	18 12 42.923	29 28 15.26	
98. 8.20	7	42.768	14.85	s. f. of 2
99. 8.24	7	42.865	12.96	
98.6		42.852	14.36	

8803 9.5 2.4295 +0.0019 + 1.170 +0.353 25°3483

97. 8.12	7	18 13 21.974	25 42 48.75	
98. 8.23	2	22.155	45.74	
98. 8.25	7	21.956	46.38	
98.3		22.028	46.96	

8806 9.4 2.3695 +0.0019 + 1.184 +0.344 27°2996

97. 8.18	4	18 13 32.123	27 46 11.32	f. of 2
98. 7.15	3	31.836	12.30	
99. 8.30	7	32.424	10.32	
98.6		32.128	11.31	

8810 9.5 2.3229 +0.0019 + 1.227 +0.338 29°3233

97. 7.31	7	18 14 1.560	29 18 54.69	
97. 8.27	4	1.726	54.26	
98. 6.22	5	1.504	53.99	
97.9		1.597	54.31	

8811 $9^{m}.5$ $2^{s}.3374$ $+0^{s}.0019$ + $1''.235$ $+0''.340$ — —

97. 7.24	6	$18^{h}\,14^{m}\,7^{s}.122$	$28°\,50'\,34''.54$	s. p. of 2
97. 8.19	7	7.255	34.11	
98. 7. 7	6	7.131	33.92	
97.9		7.169	34.19	

8846 9.0 2.3780 +0.0019 + 1.524 +0.345 — —

97. 8. 2	7	18 17 25.488	27 30 39.31	
97. 8. 4	7	25.478	39.65	
98. 6.20	7	25.402	39.30	
98. 7.13	7	25.451	40.17	
98.0		25.455	39.61	

8855 9.2 2.2992 +0.0019 + 1.573 +0.333 30°3188

97. 7.24	7	18 17 59.850	30 6 53.08	
97. 8.10	7	59.789	53.32	
98 6.22	7	59.778	51.63	
98. 7.15	7	59.733	53.26	
98.0		59.788	52.82	

8868 9.5 2.3712 +0.0018 + 1.655 +0.344 27°3011

97. 7.29	7	18 18 55.955	27 45 5.98	
97. 8.12	7	56.020	7.02	
98. 7. 7	7	56.069	6.42	
98. 8.17	7	55.949	5.47	
98.1		55.998	6.22	

8884 Examined 97.8.18: star not found. See main catalogue

8893 9.3 2.4517 +0.0017 + 1.802 +0.355 24°3414

97. 8. 2	7	18 20 36.999	24 59 12.24	
97. 8. 4	6	36.925	11.95	
98. 7. 8	7	36.873	10.48	
98. 7.16	7	36.868	12.50	
98.1		36.916	11.79	

8912[a] 9.5 2.4328 +0.0017 + 1.892 +0.352 — —

97. 7.24	7	18 21 38.884	25 39 35.82	
97. 8.19	7	39.217	36.68	
98. 6.22	7	38.998	33.78	only one star
98. 8.25	5	38.991	34.11	
98.1		39.022	35.10	

The Z.C. place of 8919 is 1 int. wrong: corrected reduction gives

88. 8.29	6	18 21 39.540	25 39 34.79	− 1 int.

8917 9.2 2.4537 +0.0017 + 1.903 +0.355 24°3419

97. 7.23	7	18 21 46.846	24 55 38.06	
97. 8.10	7	46.954	40.09	
98. 6.20	7	46.792	38.01	
98. 8.20	4	46 965	38.08	
98.1		46.889	38.56	

8933 9.5 2.3753 +0.0018 + 1.969 +0.344 27°3030

97. 7.27	5	18 22 32.553	27 38 50.31	
97. 8.12	7	32.562	50.97	
98. 7. 7	6	32.536	49.64	
98. 8.27	5	32.772	49.93	
98.1		32.606	50.21	

8946 $9^{m}.5$ $2^{s}.4150$ $+0^{s}.0017$ + $2''.080$ $+0''.349$ — —

97. 7.29	7	$18^{h}\,23^{m}\,48^{s}.422$	$26°\,18'\,10''.23$	
97. 8.27	7	48.459	9.44	
98. 7.15	7	48.237	10.12	
97.9		48.373	9.93	—

8955 9.3 2.4147 +0.0017 + 2.119 +0.349 26°3274

97. 7.31	7	18 24 15.758	26 19 7.06	n. p. of 2

8959 9.3 2.4152 +0.0017 + 2.127 +0.349 26°3276

97. 8. 4	7	18 24 21.349	26 17 59.33	
97. 8.31	7	21.312	59.72	
98. 7. 8	4	20.859	58.37	bad
97.9		21.173	59.14	

8967 9.5 2.3356 +0.0018 + 2.148 +0.338 — —

97. 8. 2	7	18 24 35.598	28 59 42.95	
97. 9. 3	7	35.730	42.35	
98. 7.16	7	35.845	43.73	
97.9		35.724	43.01	

8972 9.5 2.3245 +0.0018 + 2.165 +0.336 — —

97. 8.11	7	18 24 47.122	29 21 39.56	
98. 7.13	7	47.233	40.17	
98. 8.16	7	47.226	40.33	
98.3		47.194	40.02	

8978 9.1 2.4478 +0.0017 + 2.183 +0.354 25°3544

97. 8.18	5	18 24 59.953	25 10 1.37	clds. v. ft.
98. 6.22	6	59.924	1.16	
98. 8.17	7	60.035	0.61	
98.2		59.971	1.05	

8986 9.5 2.4149 +0.0017 + 2.224 +0.349 26°3283

97. 8.10	5	18 25 27.780	26 19 26.78	
97. 8.19	5	27.939	25.73	
98. 6.20	7	27.864	27.18	
97.9		27.861	26.56	

8994 9.5 2.3249 +0.0017 + 2.297 +0.336 — —

97. 7.24	7	18 26 18.338	29 21 59.30	
98. 7. 7	6	18.408	58.99	bright star
98. 8.18	7	18.186	57.42	v. ft.
98.2		18.311	58.57	

8998 9.5 2.3605 +0.0017 + 2.322 +0.341 — —

97. 7.27	7	18 26 35.250	28 11 17.91	
98. 8.20	7	35.285	16.39	
98. 8.25	7	35.022	17.40	
98.3		35.186	17.23	

9004 9.2 2.3152 +0.0017 + 2.342 +0.334 — —

97. 8.12	7	18 26 49.301	29 41 26.21	
98. 7.16	2	49.308	25.39	
98. 8.27	7	49.367	24.69	
98.3		49.325	25.43	

9007 $9^m.5$ $2^s.3564$ $+0^s.0017$ $+ 2''.359$ $+0''.340$ — —

97. 8. 2	2	$18^h 27^m 1^s.359$	28° 20′ $2''.70$	
98. 7.15	3	1.040	3.23	
98. 8.31	7	1.212	4.13	
98.3		1.204	3.35	

9012 9.4 2.3863 +0.0017 + 2.395 +0.345 — —

97. 7.29	7	18 27 25.996	27 19 42.09	
97. 8.25	7	25.946	40.48	
98. 7.13	3	25.945	43.03	
97.9		25.962	41.87	

9035 9.3 2.4420 +0.0016 + 2.573 +0.352 25°3574

97. 7.23	7	18 29 28.563	25 25 30.74	
97. 8.19	7	28.833	29.91	
98. 6.22	7	28.546	29.99	
97.9		28.647	30.21	

9054 9.2 2.3429 +0.0017 + 2.712 +0.338 28°3029

97. 7.24	5	18 31 5.331	28 50 15.96	
97. 8. 4	7	5.200	16.50	
98. 7. 7	7	5.183	15.22	
98. 8.27	7	5.226	15.03	
98.1		5.235	15.68	

9058 9.2 2.3761 +0.0016 + 2.748 +0.342 27°3056

97. 7.27	7	18 31 30.289	27 43 39.43	
97. 8.27	7	30.299	38.79	
98. 7. 8	4	29.971	37.79	
97.9		30.186	38.67	

9061 9.3 2.3851 +0.0016 + 2.767 +0.343 27°3060

97. 7.29	7	18 31 42.872	27 25 32.21	
97. 8.31	7	42.888	32.27	
98. 7.13	7	43.047	32.99	
97.9		42.936	32.49	

9063 9.5 2.3975 +0.0016 + 2.767 +0.345 — —

97. 7.31	7	18 31 43.261	27 0 10.62	
97. 9. 3	5	43.398	9.41	v. ft.
98. 7.15	5	43.347	11.21	too ft.
97.9		43.335	10.41	

9067 9.4 2.3672 +0.0016 + 2.778 +0.341 — —

97. 8. 2	7	18 31 50.663	28 2 7.95	−5′
97. 9. 9	7	50.572	7.29	
98. 7.16	7	50.625	8.15	
97.9		50.620	7.80	

9085 9.5 2.3607 +0.0016 + 2.872 +0.340 — —

97. 8 12	7	18 32 55.940	28 16 16.19	
98. 8.16	7	56.054	16.94	
98.1		55.997	16.56	

9085^a 9.5 2.3614 +0.0016 + 2.873 +0.340 28°3036

98. 8.15	5	18 32 57.187	28 14 47.56	‖ s. of 2

Confirmed by Oxford photograph 00.8.15

9086 $9^m.4$ $2^s.3440$ $+0^s.0016$ $+ 2''.876$ $+0''.337$ — —

97. 8.19	5	$18^h 32^m 58^s.762$	28° 49′ $50''.63$	
98. 6.22	6	58.679	49.97	
98. 8.17	7	58.638	50.62	
98.2		58.693	50.41	

9090^a 9.3 2.3448 +0.0016 + 2.912 +0.337 — —

97. 8.25	7	18 33 23.565	28 48 28.80	
98. 8.31	7	23.723	29.65	
98. 9. 3	7	23.748	29.55	
98.3		23.679	29.33	

9100 9.2 2.3138 +0.0016 + 2.954 +0.333 29°3307

97. 8.21	2	18 33 52.861	29 50 20.38	
98. 8.18	7	52.814	18.24	
98. 8.20	4	52.985	19.25	
98.3		52.887	19.29	

9103 9.3 2.4418 +0.0015 + 2.985 +0.351 25°3593

97. 8. 4	5	18 34 14.426	25 29 41.67	
98. 8.22	7	14.305	39.76	
98. 8.25	7	14.332	40.44	
98.3		14.354	40.62	

9104 No star in place: see main catalogue

9106 9.2 2.4136 +0.0015 + 3.010 +0.347 — —

97. 7.24	6	18 34 31.253	26 29 14.38	
98. 7. 7	5	31.372	13.26	
98. 8.27	7	31.266	12.22	
98.2		31.297	13.29	

9111 8.1 2.4589 +0.0015 + 3.025 +0.353 24°3489

96. 6. 5	7	18 34 42.147	24 53 44.98	

No star in Lalande's place

9113 9.5 2.3730 +0.0016 + 3.037 +0.341 — —

97. 7.29	4	18 34 50.243	27 53 9.92	
97. 9. 9	4	50.226	7.92	
98. 7.16	4	50.371	9.20	
97.9		50.280	9.01	

9115 9.5 2.3275 +0.0016 + 3.044 +0.334 — —

97. 7.27	7	18 34 54.802	29 24 21.54	
97. 8.27	5	54.899	20.55	
98. 7.13	4	54.915	20.96	
97.9		54.872	21.02	

9128 9.5 2.4258 +0.0015 + 3.128 +0.348 — —

97. 7.31	7	18 35 53.595	26 4 55.97	
97. 8.31	7	53.532	56.17	
98. 7.15	7	53.481	56.74	
97.9		53.536	56.29	

9140 9.5 2.3817 +0.0015 + 3.172 +0.342 — —

97. 7.23	7	18 36 23.650	27 36 50.11	
97. 8.19	7	23.632	52.03	
98. 6.22	7	23.463	49.11	
97.9		23.582	50.42	

9142 $9^{m}.0$ $2^{s}.3048$ $+0^{s}.0016$ + $3''.177$ $+0''.330$ $30^{\circ}3271$ A

97. 8. 2	7	$18^{h}36^{m}27^{s}.928$	$30^{\circ}10'27''.56$	
97. 9. 3	7	27.855	27.62	
98. 8.15	4	27.742	28.07	d.s.p.
98. 8.16	6	27.894	28.47	d.s.p.
98.1		27.855	27.93	

9153 9.3 2.3828 +0.0015 + 3.228 +0.342 — —

97. 8.12	7	18 37 2.471	27 35 3.65	
97. 8.25	2	2.269	2.84	
98. 8.17	7	2.202	4.04	v. ft.
98.0		2.314	3.51	

9159 9.5 2.4465 +0.0014 + 3.248 +0.350 $25^{\circ}3603$

97. 8. 4	7	18 37 17.039	25 22 31.04	
97. 8.21	3	16.867	31.95	
98. 8.18	5	16.746	30.11	
98 8.20	7	16.911	30.64	bright
98.1		16.891	30.94	

9185 9.3 2.4609 +0.0014 + 3.409 +0.352 $24^{\circ}3514$

97. 7.24	7	18 39 8.793	24 53 35.35	
97. 8.27	7	8.843	34.82	
98. 7. 7	7	8.759	34.45	
98. 8.22	3	8.800	34.04	
98. 8.27	7	8.826	34.70	
98.2		8.804	34.67	

9191 9.5 2.4347 +0.0014 + 3.451 +0.349 — —

97. 7.27	5	18 39 38.193	25 49 46.98	v. ft.
97. 8.31	4	38.055	45.48	ex. ft.
98. 7.13	3	38.103	48.41	Too ft. bad
97.9		38.117	46.96	

9199 9.3 2.4479 +0.0014 + 3.507 +0.350 $25^{\circ}3621$

97. 7.29	5	18 40 16.962	25 22 34.45	n. p. of 2
97. 8.19	7	16.981	33.32	
98. 7.15	7	16.703	34.80	middle of 3
97.9		16.882	34.19	

9203 9.5 2.4405 +0.0014 + 3.528 +0.349 — —

97. 7.31	5	18 40 31.392	25 38 27.37	v. ft.
98. 7 16	7	31.336	26.85	
98. 8.15	2	31.010	25.70	unsatisfactory
98. 8.16	7	31.421	27.93	
98.3		31.290	26.96	

9206 9.2 2.4613 +0.0014 + 3.534 +0.351 $24^{\circ}3525$

97. 8. 2	7	18 40 35.652	24 54 4.22	
97. 9.14	5	35.370	3.76	
98. 8.17	7	35.527	4.08	f. of 2
98.0		35.516	4.02	

9222 9.3 2.4607 +0.0014 + 3.630 +0.351 $24^{\circ}3532$

97. 8. 4	7	18 41 42.764	24 56 42.43	
97. 9.18	7	42.687	43.50	
98. 8.18	7	42.493	42.21	
98.0		42.648	42.71	

9228 $9^{m}.1$ $2^{s}.3929$ $+0^{s}.0014$ + $3''.658$ $+0''.342$ $27^{\circ}3112$

97. 8.10	7	$18^{h}42^{m}2^{s}.291$	$27^{\circ}19'46''.14$	
97. 9.21	7	2.394	44.72	
98. 8.20	7	2.385	45.77	
98.0		2.357	45.54	

9229 9.4 2.4329 +0.0014 + 3 664 +0.347 $25^{\circ}3627$

97. 8.12	7	18 42 6.462	25 56 20.07	
98. 8.22	7	6.455	18.43	
98. 8.23	1	6.306	19.98	-1^{s}
98.3		6.408	19.49	

9231 9.5 2.3844 +0.0014 + 3.669 +0.341 $27^{\circ}3113$

97. 8.21	2	18 42 9.881	27 37 29.37	
97. 9 23	5	9.864	28.46	
98. 9. 6	3	9.929	29.42	
98.0		9.891	29.08	

9232 9.5 2.4617 +0.0014 + 3.672 +0.351 — —

97. 9. 3	7	18 42 11.927	24 55 2.04	
98. 8.25	3	11.947	2.28	
98. 9. 8	3	12.004	1.31	
98.3		11.959	1.88	

9233 9.3 2.3187 +0.0015 + 3.679 +0.331 $29^{\circ}3345$

97. 9. 9	7	18 42 17.029	29 49 48.57	
98. 8.31	7	16.986	50.58	
98. 9. 9	5	17.038	49.54	
98.3		17.018	49.56	

9235 9.5 2.3256 +0.0015 + 3.682 +0.332 $29^{\circ}3346$

97. 8.31	3	18 42 18.899	29 36 11.19	
98. 9. 2	3	18.804	11.01	n. f. of 2
98. 9.10	7	19.016	11.57	
98.3		18.906	11.26	

9239 9.2 2.3202 +0.0015 + 3.702 +0.331 $29^{\circ}3347$

97. 8.28	7	18 42 33.310	29 47 5.32	
98. 8.27	5	33.216	4.44	
98. 9. 3	7	33.162	5.90	
98. 9.14	7	33.121	5.76	
98.4		33.202	5.36	

9243 9.5 2.3328 +0.0015 + 3.724 +0.332 $29^{\circ}3349$

97. 8.27	7	18 42 48.123	29 22 24.55	
98. 7. 7	7	47.855	23.85	
98. 9.15	7	48.075	24.67	
98.3		48.018	24.36	

9246 9.5 2.3266 +0.0015 + 3.748 +0.332 $29^{\circ}3351$

97. 7.27	5	18 43 4.761	29 34 55.52	s. of 2: w.
98. 7.13	5	4.508	55.84	[4.5.6. $+10^{s}$
98. 9.16	7	4.925	55.04	
98.3		4.731	55.47	

9255^{a} 9.3 2.4250 +0.0014 + 3.813 +0.346 — —

97. 7.23	7	18 43 50.329	26 14 57.94	f. of 3 [s.f.
97. 9.10	5	50.215	54.19	f. of 3: another
98. 7.15	5	49.927	56.70	n. p. of 2
97.9		50.157	56.28	

9259 No star in place: see main catalogue

9262 $9^m.5$ $2^s.3125$ $+0^s.0015$ + $3''.842$ $+0''.330$ $30^\circ3305$

97. 7.29	6	$18^h44^m10^s.472$	$30^\circ\ 4'\ 22''.70$	
97. 9.14	4	10.554	21.23	
98. 9. 8	4	10.636	22.30	
98.0		10.554	22.08	

9264 9.4 2.4611 +0.0013 + 3.849 +0.351 — —

97. 7.31	5	18 44 14.811	24 58 35.15	
98. 7.16	7	14.865	37.51	
98. 8.17	7	14.792	37.01	
98.2		14.823	36.56	

9276 9.5 2.4138 +0.0014 + 3.899 +0.343 — —

97. 8.19	4	18 44 50.319	26 39 33.24	ex. ft.
98. 8.25	6	50.033	34.98	bad: too ft.
98. 9. 6	5	49.777	33.35	v. ft.
98.3		50.043	33.86	

9289 9.2 2.3714 +0.0014 + 3.978 +0.337 $28^\circ3100$

97. 8.10	7	18 45 45.707	28 8 30.23	
97. 8 28	7	46.000	28.53	
98. 8.20	7	45.827	29.04	
98.0		45.845	29.27	

9297 9.4 2.3723 +0.0014 + 4.033 +0.337 — —

97. 8.12	7	18 46 24.147	28 7 27.57	
97. 8.25	7	23.911	27.63	
98. 7. 7	6	23.766	26.66	
97.9		23.941	27.29	

9302 9.5 2.3317 +0.0014 + 4.067 +0.331 $29^\circ3370$

97. 8.18	7	18 46 48.370	29 29 50.27	
97. 8.27	7	48.318	49.89	
98. 8.22	7	48.351	49.72	
98. 8.23	7	48.108	49.40	
98.1		48.287	49.82	

9304 9.5 2.3296 +0.0014 + 4.076 +0.331 — —

97. 8.21	7	18 46 54.376	29 34 1.66	
97. 8.31	7	54.352	0.12	
98. 7.13	5	54.296	2.22	
97.9		54.341	1.33	

9308[a] 9.1 2.4000 +0.0013 + 4.094 +0.341 $27^\circ3141$

97. 7.27	7	18 47 7.019	27 11 18.32	
98. 6.22	3	7.021	17.64	
98. 7.15	4	7.026	17.24	
98. 8.17	4	6.941	17.56	p. of 2
98.3		7.002	17.69	

The Z.C. place of 9317 is 1 int. wrong: corrected reduction gives

74. 9. 2	3	18 47 7.024	27 11 16.10	−1 int.

9315 9.2 2.3995 +0.0013 + 4.112 +0.341 $27^\circ3145$

97. 7.24	7	18 47 19.847	27 12 25.95	n. f. of 2
97. 9. 3	7	19.935	23.74	f. of 2
97.6		19.891	24.84	

9339 $9^m.3$ $2^s.3409$ $+0^s.0014$ + $4''.236$ $+0''.332$ $29^\circ3381$

97. 7.29	2	$18^h48^m46^s.554$	$29^\circ\ 14'\ 4''.98$	bisection
97. 9. 9	5	46.738	3.28	[uncertain
98. 7.16	7	46.769	4.11	
97.9		46.687	4.12	

9344[a] 9.3 2.4302 +0.0013 + 4.276 +0.344 — —

97. 8. 4	7	18 49 14.574	26 10 37.12	‖

Confirmed by Oxford photograph 97.7.31

9346 9.5 2.4257 +0.0013 + 4.280 +0.344 — —

97. 7.31	7	18 49 17.588	26 20 6.84	
97. 9.14	7	17.545	8.31	
98. 8.16	7	17.789	8.46	
98.0		17.641	7.87	

9349 9.3 2.4299 +0.0013 + 4.292 +0.344 — —

97. 9.23	5	18 49 25.308	26 11 25.42	
98. 8.25	7	25.406	26.08	
98. 8.26	3	25.483	26.66	
98.3		25.399	26.05	

9350 9.4 2.3404 +0.0014 + 4.307 +0.331 $29^\circ3388$

97. 8.10	7	18 49 36.501	29 16 12.89	
98. 8.20	7	36.279	11.39	
98. 8.27	7	36.331	11.07	
98.3		36.370	11.78	

9353 9.5 2.3412 +0.0014 + 4.327 +0.331 $29^\circ3390$

97. 8.19	5	18 49 50.465	29 14 57.86	
97. 8.28	5	50.509	57.53	
98. 8.31	7	50.447	57.94	
98.0		50.474	57.78	

9359 9.5 2.3131 +0.0014 + 4.347 +0.327 $30^\circ3343$

97. 8.12	5	18 50 4.051	30 11 21.47	
98. 7. 7	7	4.114	21.51	
98. 9. 2	7	4.189	22.51	
98.3		4.118	21.83	

9373 9.5 2.3370 +0.0014 + 4.430 +0.330 — —

97. 7.24	5	18 51 2.601	29 24 56.78	v. ft.
98. 7.15	7	2.819	57.32	too ft.
98. 9. 3	7	2.592	56.30	
98.3		2.671	56.80	

9374 9.4 2.4448 +0.0013 + 4.440 +0.346 $25^\circ3664$

97. 7.23	7	18 51 9.452	25 42 1.97	
98. 6.22	7	9.528	0.62	
98. 9. 6	7	9.337	1.05	
98.2		9.439	1.21	

9375 9.3 2.4255 +0.0013 + 4.441 +0.343 — —

97. 7.27	4	18 51 10.332	26 23 1.36	v. ft.
98. 8.22	5	9.944	2.30	clds.; v. ft.
98. 8.23	7	9.935	1.67	clds.; v. ft.
98.3		10.070	1.78	

9389 No star in place: see main catalogue

9390^a $9^m.2$ $2^s.4151$ $+0^s.0013$ + $4''.501$ $+0''.341$ 26°3402

97. 8.18	7	$18^h\,51^m\,52^s.610$	26° 45′ $58''.88$	‖
97. 9.10	7	52.426	57.76	
98. 8.17	7	52.451	58.87	p. of 2
98. 9. 9	7	52.377	58.70	p. of 2
98.2		52.466	58.55	

9391 9.3 2.4248 +0.0013 + 4.502 +0.342 26°3403

97. 8.21	7	18 51 53.311	26 25 35.91	
98. 9. 8	7	53.355	33.68	
98. 9.10	4	53.387	36.17	
98.3		53.351	35.25	

9395 9.3 2.4256 +0.0013 + 4.507 +0.342 — —

97 8.25	7	18 51 56.533	26 24 3.08	
98. 8.26	5	56.478	3.30	
98. 8.27	1	56.876	3.51	hurried: bad
98.3		56.629	3.30	

9404 9.3 2.4383 +0.0013 + 4.538 +0.344 25°3676

97. 8.27	7	18 52 18.622	25 57 22.81	
98. 7.16	6	18.569	22.23	
98. 9.14	7	18.553	23.01	
98.3		18.581	22.68	

9410^a 9.2 2.4667 +0.0012 + 4.568 +0.348 24°3594

97. 7.31	5	18 52 39.583	24 56 52.35	Only one star
98. 8.25	5	39.464	52.28	
98. 9.15	7	39.529	51.97	
98.3		39.525	52.20	

The Z.C. place of 9410 is 1′ wrong; corrected reduction gives

85. 9.21	7	18 52 39.712	24 56 51.71	−1′

9411 9.2 2.4448 +0.0012 + 4.590 +0.345 25°3679

97. 8. 4	7	18 52 55.764	25 44 18.58	
98. 8.16	6	55.660	17.49	
98. 9.16	7	55.588	16.87	
98.3		55.671	17.65	

9412 Examined 97.8.31: star not found. See main catalogue

9415 9.0 2.4613 +0.0012 + 4.606 +0.347 25°3681

97. 8.10	5	18 53 6.355	25 8 57.58	
98. 8.20	5	6.274	57.15	
98 9.26	7	6.266	56.75	
98.3		6.298	57.16	

9426 9.3 2.3490 +0.0013 + 4.626 +0.332 — —

97. 9. 3	5	18 53 20.617	29 4 9.94	n.f. of 2
98. 9 17	7	20.871	10.06	
98. 9.28	5	20.765	11.16	
98.4		20.751	10.39	

9429 9.1 2.3208 +0.0013 + 4.630 +0.328 29°3420

97. 8.19	7	18 53 23.841	30 0 48.17	
98. 9.20	7	23.797	48.29	
98. 9.30	7	23.818	47.93	
98.4		23.819	48.13	

9432 $9^m.0$ $2^s.4369$ $+0^s.0012$ + $4''.639$ $+0''.344$ — —

97. 9. 9	7	$18^h\,53^m\,29^s.561$	26° 1′ $58''.19$	
98. 8.31	7	29.466	58.38	
99. 8.24	7	29.594	58.41	
98.7		29.540	58.33	

9433 9.2 2.4317 +0.0012 + 4.649 +0.343 — —

97. 8.12	7	18 53 36.572	26 13 14.53	
98. 9.23	7	36.383	13.04	s. p. of 2
99. 8.30	7	36.614	13.94	
98.7		36.523	13.84	

9437 9.4 2.3822 +0.0013 + 4.656 +0.336 — —

97. 8.28	4	18 53 42.001	27 57 12.11	
98. 9. 2	5	41.962	14.16	
99. 9. 1	5		11.98	too ft.: *a* rejected
99. 9. 4	7	42.214	12.31	
98.7 : 98.9		42.059	12.64	

9438 9.2 2.4332 +0.0012 + 4.659 +0.343 26°3411

97. 9.14	7	18 53 44.361	26 10 14.41	
98. 7. 7	5	44.540	13.27	
99. 9.12	7	44.614	14.50	
98.6		44.505	14.06	

9439 9.5 2.3820 +0.0013 + 4.676 +0.336 27°3190

97. 9.23	7	18 53 56.075	27 57 55.60	
98. 9.10	4	56.197	57.01	
99. 9.14	7	56.459	56.28	
98.7		56.244	56.30	

9447 9.3 2.3334 +0.0013 + 4.714 +0.329 29°3426

97. 8.25	1	18 54 22.457	29 37 12.65	
98. 8.26	3	22.628	13.10	
99. 9.16	7	22.806	12.90	
99. 9.18	7	22.796	13.48	clds.
99. 9.20	7	22.668	13.13	
99. 9 22	7	22.614	12.71	
99.2		22.662	13.00	

9456 9.2 2.4162 +0.0012 + 4.753 +0.340 — —

97. 7.24	7	18 54 50.093	26 47 54.11	
98. 6.22	7	50.069	52.01	
98. 9. 3	7	50.049	52.92	
98.2		50.070	53.01	

9462^a 9.5 2.4375 +0.0012 + 4.770 +0.343 — —

97. 7.23	6	18 55 2.024	26 3 6.21	‖
98. 8.22	5	2.449	3.06	
98. 8.23	3	2.611	4.83	bad
98.3		2.361	4.70	

9467 No star in place: see 9472^b below

9470 No star in place: see 9472^a below and main catalogue

9472^a 9.0 2.3744 +0.0013 + 4.809 +0.334 — —

97. 7.27	7	18 55 29.606	28 15 52.69	v. ft. no other
98 9. 6	7	29.536	53.66	no other
98.1		29.571	53.18	

9472^{b} $9^{m}.5$ $2^{s}.4378$ $+0^{s}.0012$ + $4''.809$ $+0''.343$ — —

97. 9.10	4	18^{h}	55^{m}	$29^{s}.957$	26°	2′	56″.50	

Preceded by two stars (equal in R.A.), followed by another: The place is confirmed by Oxford photograph 93.8.18.

The Z.C. place of 9467 is 1 int. wrong: corrected reduction gives

73. 8. 6	3	18	55	30.257	26	2	57.76	+ 1 int.

9476 9.5 2.4378 +0.0012 + 4.826 +0.343 — —

97. 8.21	7	18	55	42.069	26	3	13.84	
98. 7.16	6			42.024			14.04	
98. 8.17	7			41.986			14.62	
98.3				42.026			14.17	

9491 9.2 2.4081 +0.0012 + 4.897 +0.338 27°3205

97. 7.31	5	18	56	31.868	27	7	31.19	
98. 8.25	7			31.750			30.77	
98. 9.14	7			31.980			30.96	
98.3				31.866			30.97	

9494 9.2 2.3289 +0.0013 + 4.918 +0.327 — —

97. 8. 4	5	18	56	46.129	29	50	6.98	many stars
98. 9. 8	5			46.252			5.36	
98. 9.15	7			46.324			5.18	v. ft.
98.3				46.235			5.84	

9500 9.2 2.3301 +0.0013 + 4.926 +0.327 29°3447

97. 8.10	4	18	56	52.662	29	47	46.82	n. of 2
98. 8.20	7			52.675			44.94	n. f. of 2
98. 9.16	7			52.720			45.21	n. f. of 2
98.3				52.686			45.66	

9502 9.1 2.3287 +0.0013 + 4.934 +0.327 29°3448

97.10. 5	7	18	56	58.243	29	50	52.03	

9505 9.4 2.4625 +0.0011 + 4.953 +0.346 25°3705

97. 8.12	6	18	57	11.617	25	12	15.77	
98. 8.31	7			11.333			15.60	
98. 9.17	7			11.458			15.86	
98.3				11.469			15.74	

9511 9.3 2.3517 +0.0013 + 4.980 +0.330 29°3450

97. 8.19	7	18	57	31.249	29	5	20.22	
97. 9.18	7			30.906			19.28	
98. 9.20	7			31.068			19.76	
98.0				31.074			19.75	

9512 9.5 2.3796 +0.0012 + 4.985 +0.334 28°3161

97. 8.31	5	18	57	34.629	28	8	31.86	
97. 9.23	3			34.860			34.49	v. ft.
98. 9.10	7			34.547			33.89	
98.0				34.679			33.41	

9514 9.5 2.3331 +0.0013 + 4.992 +0.327 29°3451

97. 9. 3	7	18	57	38.844	29	43	13.56	
98. 7. 7	7			38.835			16.43	
98. 9. 9	7			38.882			17.02	
98.3				38.854			15.67	

9515 $9^{m}.4$ $2^{s}.4127$ $+0^{s}.0012$ + $4''.998$ $+0''.338$ — —

97. 8.25	5	18^{h}	57^{m}	$43^{s}.610$	26°	59′	35″.31	
98. 9. 2	7			43.544			36.19	
98. 9 3	4			43.631			35.02	
98 3				43 595			35.51	

9519^{a} 9.5 2.3453 +0.0013 + 5.014 +0.329 — —

98. 8.26	5	18	57	54.703	29	19	5.41	‖

Confirmed by Oxford photograph 95.6.27

9523 9.3 2 3447 +0.0013 + 5.026 +0.329 29°3455

97. 8.21	2	18	58	2.971	29	20	25.30	
98. 8.27	1			3.069			23.81	hurried
98. 9. 6	3			3.011			23.28	
98.3				3.017			24.13	

9533 9.5 2.3605 +0.0013 + 5.068 +0.331 28°3170

97. 7.24	7	18	58	33.012	28	49	14.21	
98. 8.22	5			32.847			12.92	
98. 8.23	6			33.014			13.60	
98.3				32.958			13.58	

9549 9.3 2.4384 +0.0012 + 5.153 +0.341 26°3438

97. 7.27	7	18	59	33.550	26	7	47.22	
97. 9.10	7			33.632			46.53	
98. 7.16	7			33.659			47.09	
97.9				33.614			46.95	

9560 9.4 2.3997 +0.0012 + 5.188 +0.336 — —

97. 7.31	7	18	59	57.610	27	30	43.75	
98. 8.17	6			57.726			44.70	
98. 8.25	7			57.818			44.15	
98.3				57.718			44.20	

9586 9.5 2.4133 +0.0012 + 5.321 +0.337 27°3246

97. 7.23	7	19	1	32.596	27	4	29.27	
97. 8.25	7			32.540			28.80	bright
98. 8.20	7			32.405			27.82	
97.9				32.514			28.63	

9589 9.2 2.3845 +0.0012 + 5.336 +0.333 28°3194

97. 7.24	5	19	1	43.221	28	5	5.37	

9590 9.5 2.4720 +0.0011 + 5.344 +0.345 — —

97. 8. 4	7	19	1	48.984	24	58	37.01	
97. 8.27	7			49.002			36.37	
98. 8.26	7			48.934			37.62	
98.0				48.973			37.00	

9599 9 5 2.3859 +0.0012 + 5.383 +0.333 — —

97. 8.10	7	19	2	16.609	28	3	20.86	
97. 8.31	7			16.680			20.17	
98 8.23	7			16.774			19.35	
98.0				16.688			20.13	

9601 9.5 2.4273 +0.0011 + 5.387 +0.339 26°3456

97. 8.12	7	19	2	19.345	26	36	4.88	s. f. of 2
97. 9. 3	7			19.317			3.50	middle of 3
98. 8.27	7			19.411			4.07	f. of 2
98.0				19.358			4.15	

9606 $9^m.0$ $2^s.3756$ $+0^s.0012$ + $5''.413$ $+0''.331$ 28°3202

97. 8.18	7	$19^h\ 2^m 38^s.327$	28° 25′ $2''.87$	
97. 9. 9	7	38.246	1.76	
98. 8.31	7	38.352	2.09	
98.0		38.308	2.24	

9622 9.2 2.3517 +0.0012 + 5.480 +0.328 29°3486

97. 7.27	7	19 3 25.645	29 15 38.51	
97. 9.10	7	25.634	37.57	
98. 8.25	6	25.625	38.43	
98.0		25.635	38.17	

9636 9.3 2.3506 +0.0012 + 5.546 +0.327 29°3494

97. 7.31	7	19 4 12.500	29 19 14.61	
97. 9.21	7	12.583	15.75	
98. 8.17	7	12 427	15.41	
99. 9.12	7	12.914	16.04	
99. 9.14	7	12.837	16.53	
98.7		12.652	15.67	

9637 9.3 2.4312 +0.0011 + 5.548 +0.338 26°3463

97. 8.19	7	19 4 14.314	26 30 61.71	
97. 9.23	5	14.267	60.41	
98. 9. 3	7	14.318	59.48	
98.0		14.300	60.53	

9639 9.5 2.4205 +0.0011 + 5.557 +0.336 — —

97. 8.21	7	19 4 20.878	26 54 4.55	
98. 9. 6	7	20.899	3.73	
98. 9.10	7	21.063	4.64	+1′
98 3		20 947	4.31	

9644 9.2 2.3347 +0.0012 + 5.584 +0.324 29°3497

97. 7.23	6	19 4 40.314	29 52 30.26	
98. 9. 8	7	40.207	28.48	
98. 9.14	7	40.288	29.24	
98.3		40.270	29.33	

9654 9.5 2.4631 +0.0010 + 5.649 +0.342 25°3743 A

97. 8.25	7	19 5 26.516	25 24 5.47	
98. 8.27	3	26.609	3.81	s. of 2: v. ft.
98. 9.15	7	26.635	5.19	v. ft. irreg.
98.3		26.587	4.82	[intervals

9655 9.5 2.4630 +0.0010 + 5.650 +0.342 25°3743 B

97. 8. 4	5	19 5 26.369	25 24 20.09	n. of 2
98. 8 20	6	26.404	19.13	n. of 2
98. 8.26	5	26.444	19.87	n. of 2
98 3		26.406	19.70	

9660 9.4 2.3677 +0.0012 + 5.672 +0.329 28°3226

97. 8.10	5	19 5 42.746	28 47 10.52	f. of 2
98. 9. 9	7	42.743	9.90	f. of 2
98. 9.16	7	42.903	8.92	
98.3		42.797	9.78	

9668 9.4 2.3621 +0.0012 + 5.714 +0.328 28°3228

97. 8.12	7	19 6 12.731	28 59 30.46	
98. 9.17	7	12.789	30.49	
98. 9.20	7	12.737	29.83	
98. 3		12.752	30 26	

9669 $9^m.0$ $2^s.3409$ $+0^s.0012$ + $5''.714$ $+0''.325$ — —

97. 7.24	7	$19^h\ 6^m 13^s.128$	29° 42′ $42''.50$	
97. 9. 9	7	13.097	41.71	
98. 8.23	7	13.276	42.36	
98.0		13.167	42.19	

9671 9.5 2.3624 +0.0012 + 5.718 +0.328 28°3229

98. 7.16	7	19 6 15.715	28 59 13.69	f. of 2

9685 9.1 2.4083 +0.0011 + 5.749 +0.334 27°3275

97. 8.27	7	19 6 38.312	27 24 0.47	
98. 8 31	7	38.254	0.85	
98. 9. 2	7	38.307	1.54	
98.3		38.291	0.95	

9688 9.2 2.3988 +0.0012 + 5.763 +0.332 27°3277

97. 8.31	7	19 6 48.149	27 44 29.82	
98. 8.25	7	48.253	29.27	
98. 9.22	7	48.360	28.99	
98.3		48.254	29.36	

9693 9.5 2.3835 +0.0012 + 5.786 +0.330 — —

97. 9. 3	7	19 7 4.605	28 17 2.87	
97. 9.10	7	4.499	2.36	
98. 9.23	7	4.660	2.64	
98.0		4.588	2.62	

9702 9.5 2.3706 +0.0012 + 5.829 +0.328 — —

97. 7.27	5	19 7 35.074	28 44 40.49	
98. 9. 3	5	35.086	40.27	
98. 9.10	7	35.136	40.88	
98.3		35.099	40.55	

9706 9.2 2.3531 +0.0012 + 5.847 +0.326 29°3515

97. 8.19	7	19 7 47.970	29 21 2.05	
97. 9.21	5	48.117	0.82	
98. 9. 6	7	48.045	0.79	
98.0		48.044	1.22	

9711 9.4 2.4220 +0.0011 + 5.863 +0.335 26°3487

97. 7.31	7	19 7 59.171	26 57 26.68	
97. 9.23	7	59.200	26.66	
98. 8.17	7	59.153	27.60	
98.0		59.175	26.98	

9724 9.5 2.4436 +0.0011 + 5.912 +0.338 — —

97. 8.21	7	19 8 35.156	26 12 8.06	
98. 9. 8	7	35.133	6.30	
98. 9.14	7	35.210	5.84	
98.3		35.166	6.73	

9733 9.2 2.4751 +0.0010 + 5.959 +0.342 25°3758

97. 8. 4	7	19 9 8.503	25 4 11.80	
98. 8.20	7	8.575	10.80	
98. 9. 9	7	8.537	10.63	
98.3		8.538	11.08	

9736 $9^{m}.5$		$2^{s}.3468$ +$0^{s}.0012$	+ $5''.987$ +$0''.324$	— —
97. 8.10	5	$19^{h}\,9^{m}28^{s}.980$	$29^{\circ}37'\,19''.42$	
98. 8.27	7	28.904	16.46	
98. 9.15	7	28.873	17.34	
98.3		28.919	17.74	
9739 9.2		2.3903 +0.0011	+ 5.995 +0.330	$28^{\circ}3252$
97. 8.25	7	19 9 34.215	28 7 34.37	
98. 8.23	5	34.449	34.68	
98. 9.16	7	34.446	35.04	
98.3		34.370	34.70	
9747 9.4		2 4243 +0.0011	+ 6.011 +0.334	$26^{\circ}3497$
97. 8.12	7	19 9 46.076	26 55 46.68	
97. 9. 9	7	45.995	45.63	
98. 7.16	5	45.994	46.05	
97.9		46.022	46.12	
9766 8.9		2 3728 +0.0012	+ 6.099 +0.327	$28^{\circ}3263$
97. 7.24	7	19 10 48.835	28 46 30.09	
97. 8.31	7	48.890	29.41	
98. 8.25	7	48.891	29.06	
98.0		48.872	29.52	
9768 9 3		2.4167 +0.0011	+ 6.102 +0.333	— —
97. 7 23	7	19 10 51.128	27 14 11.13	
97. 8 27	7	51.215	10.75	
98. 8.31	7	51.130	10.63	
98.0		51.158	10.84	
9780 9.5		2.4433 +0.0010	+ 6.157 +0.337	— —
97. 7.27	7	19 11 30.761	26 18 10.46	
97. 9. 3	7	30.727	7.95	
98. 9. 2	7	30.736	10.37	
98.0		30.741	9.59	
9782 9.5		2.3673 +0.0012	+ 6.183 +0.326	— —
97. 7.31	7	19 11 49.727	28 59 54.73	−5′
97. 9.10	7	49.679	53.47	
98. 8.17	7	49.592	54.84	
98.0		49.666	54.35	
9790 9.1		2.3435 +0.0012	+ 6.238 +0.322	$29^{\circ}3543$
97. 8.10	3	19 12 29.515	29 50 12.49	
97. 9.18	7	29.345	11.96	
98. 9. 3	7	29.589	10.87	
98.0		29.483	11.77	
9791 9.3		2.4416 +0.0010	+ 6.238 +0.336	— —
97. 8.19	7	19 12 29.662	26 23 46.82	
97. 9.21	5	29.450	46.23	v. ft.
98. 9. 6	7	29.505	46.58	
98 0		29.539	46.54	
9793 9.3		2.3748 +0.0012	+ 6.241 +0.326	$28^{\circ}3276$
97. 8.21	7	19 12 31.667	28 45 60.46	
97. 9.23	7	31.633	58.55	
98. 8.27	3	31.757	58.35	p. of 2
98.0		31.686	59.12	

9800 $9^{m}.2$		$2^{s}.4084$ +$0^{s}.0011$	+ $6''.278$ +$0''.331$	$27^{\circ}3331$
97. 8.12	6	$19^{h}12^{m}57^{s}.801$	$27^{\circ}36'\,13''.18$	
97.10. 5	7	57.947	13.68	
98. 8.26	7	57.812	14.44	
98.0		57.853	13.77	
9801 9.5		2.3479 +0.0012	+ 6.284 +0.322	— —
97. 8. 4	7	19 13 2.293	29 42 9.14	
98. 8.20	7	2.348	7.54	
98. 8.23	3	2.310	8.42	
98.3		2.317	8.37	
9811 9.3		2.3911 +0.0011	+ 6.358 +0.328	— —
97. 8.18	7	19 13 56.097	28 14 35.43	
98. 7.16	7	56.158	36.23	
98. 9. 8	7	55.997	35.52	
98.3		56.084	35.73	
9824 9.4		2.3638 +0.0011	+ 6.437 +0.324	— —
97. 7 24	7	19 14 53.469	29 13 41.85	s. p. of 2
97. 8.31	7	53.530	40.99	
98. 8.25	7	53.510	40.92	
98.0		53.503	41.25	
9838 9.0		2.3835 +0.0011	+ 6.464 +0.326	$28^{\circ}3297$
97. 7.31	5	19 15 12.655	28 33 17.13	
97. 9.10	7	12.592	17.25	
98. 8.17	6	12.614	18.81	
98.0		12.620	17.73	
9840 9.0		2.3638 +0.0011	+ 6.475 +0.324	— —
97. 7.27	7	19 15 20.611	29 14 34.75	
98. 8.31	7	20.428	34.72	
98. 9. 2	7	20.521	34.91	
98.3		20.520	34.79	
9844 9.4		2.3852 +0.0011	+ 6.489 +0.326	— —
97. 8.25	5	19 15 31.073	28 30 28.92	
98. 9. 9	4	31.108	29.64	
98. 9.10	4	31.142	31.25	
98.3		31.108	29.94	
9846 9.4		2.4854 +0.0010	+ 6.498 +0.340	$24^{\circ}3721$
97. 8.10	5	19 15 37.349	24 53 28.74	-10^{s}
9846^{a} 9.4		2.4859 +0.0010	+ 6.504 +0.340	— —
98. 9. 3	5	19 15 41.937	24 52 46.00	‖ stars n. p. [and n. f.
Confirmed by Oxford photograph 92. 8.11				
9847 9.4		2.4857 +0.0010	+ 6.516 +0.340	— —
97. 9 21	5	19 15 50.809	24 53 6.99	
98. 9. 6	7	50.968	7.98	
99. 9.12	3	51.103	8 82	
99. 9.14	3	51.191	8.37	
98.9		51.018	8.04	
9852 9.4		2.4231 +0.0011	+ 6.544 +0.331	$27^{\circ}3353$
97. 8.19	7	19 16 10.340	27 11 12.37	
98. 9.14	7	10.305	10.81	
98. 9.22	3	10.414	10.75	
98.4		10.353	11.31	

9854 $9^{\mathrm{m}}.3$ $2^{\mathrm{s}}.3860$ $+0^{\mathrm{s}}.0011$ + $6''.555$ $+0''.326$ — —

97. 8.21	7	$19^{\mathrm{h}}16^{\mathrm{m}}18^{\mathrm{s}}.007$	28° 30′ 27″.69	
98. 9.15	7	18.172	26.21	
98. 9.23	3	18.027	25.46	s.p. of 2
98.4		18.069	26.45	

9856 9.2 2.3462 +0.0012 + 6.563 +0.320 — —

97. 8.27	7	19 16 24.472	29 53 14.30	
98. 8.27	7	24.459	13.60	
99. 8.24	3	24.415	14.96	
98.6		24.449	14.29	

9870 9.2 2.4315 +0.0011 + 6.598 +0.332 — —

97. 8.12	7	19 16 50.090	26 54 30.80	
98. 8.23	7	50.015	31.30	
99. 8.30	7	50.020	31.67	
98.6		50.042	31.26	

9871 9.5 2.3848 +0.0011 + 6.601 +0.326 — —

97. 8. 4	7	19 16 52.500	28 34 13.67	
98. 8.20	7	52.590	12.44	
99. 9. 1	6	52.361	9.42	v. ft.
99. 9. 2	7	52.675	12.76	
98.9		52.532	12.07	

9875 9.5 2.3863 +0.0011 + 6.635 +0.326 — —

97. 8.18	2	19 17 16.796	28 31 52.83	
98. 7.16	5	16.481	53.84	
98. 9.26	7	16.592	53.21	
98.3		16.623	53.29	

9881 9.2 2.4161 +0.0011 + 6.660 +0.329 27°3363

97. 9. 3	7	19 17 34.804	27 29 22.73	
98. 9.28	7	34.830	23.15	
98.2		34.817	22.94	

9886 9.2 2.3938 +0.0011 + 6.673 +0.326 28°3308

97. 9. 9	7	19 17 44.420	28 17 6.40	
98. 9.30	7	44.545	7.88	
98.2		44.482	7.14	

9889 9.5 2.3687 +0.0011 + 6.682 +0.323 — —

97. 9 23	7	19 17 50.442	29 10 7.01	
98.10. 3	7	50.594	6.13	
98.2		50.518	6.57	

9890 9.5 2.3584 +0.0012 + 6.682 +0.322 29°3574

97.10. 5	5	19 17 50.922	29 31 26.38	
98.10. 8	5	50.727	27.99	
98.3		50.824	27.18	

9891 9.2 2.3869 +0.0011 + 6.682 +0.325 28°3310

97.10. 7	3	19 17 51.224	28 31 61.91	
99. 9. 4	7	51.259	59.89	
99. 9. 9	5	51.188	60.29	clds.
99.0		51.224	60.70	

9892 Examined 98.9.8: star not found. See main catalogue

9897 $9^{\mathrm{m}}.0$ $2^{\mathrm{s}}.3741$ $+0^{\mathrm{s}}.0011$ + $6''.699$ $+0''.323$ — —

98. 9. 9	5	$19^{\mathrm{h}}18^{\mathrm{m}}\ 2^{\mathrm{s}}.992$	28° 59′ 23″.62	
98.10. 1	7	2.922	22.95	
98.7		2.957	23.28	

9898 9.2 2.4752 +0.0009 + 6.700 +0.338 25°3814

98. 8.25	5	19 18 3.925	25 21 4.18	
99. 9.12	7	4.068	5.09	
99. 9.14	5	4.070	4.67	
99.3		4.021	4.65	

9900ª 9.5 2.3579 +0.0012 + 6.710 +0.321 29°3578

98. 9.16	7	19 18 11.436	29 33 3.08	4 stars in field

Confirmed by Oxford photograph 01.11.1

The Z.C. place of 9900 is 5′ wrong: corrected reduction gives

79. 9.20	3	19 18 11.741	29 33 3.83	−5′

9903 9.4 2.3580 +0.0012 + 6.719 +0.321 — —

98. 9.17	7	19 18 17.266	29 33 12.07	
99. 9.16	5	17.382	11.50	
99. 9.20	7	17.538	11.63	
99.4		17.395	11.73	

9903ª 9.1 2.3588 +0.0012 + 6.723 +0.321 29°3580

97. 7.24	6	19 18 21.314	29 39 11.27	‖ p. of 3
98. 9.23	1	21.076	10.57	
98.1		21.195	10.92	

9904 9.3 2.3580 +0.0012 + 6.731 +0.321 29°3581

98. 9.20	7	19 18 26.735	29 33 27.38	[dark
98.10.11	2	26.691	26.63	ft. scarcely
98.7		26.713	27.00	

9904ª 9.5 2.3847 +0.0011 + 6.737 +0.324 — —

97. 8.25	4	19 18 31.159	28 37 56.04	‖ v. ft.

Confirmed by Oxford photograph 00.8.15

9905 9.4 2.3792 +0.0011 + 6.741 +0.324 — —

98. 9.22	7	19 18 33.365	28 49 49.29	
99.10. 6	7	33.667	52.19	
99.2		33.516	50.74	

9909 9.5 2.3692 +0.0011 + 6.756 +0.322 — —

98. 8.27	2	19 18 44.730	29 11 6.61	
99.10. 9	7	44.698	6.48	
99.2		44.714	6.54	

9910 9.5 2.3850 +0.0011 + 6.760 +0.324 — —

99. 9.22	7	19 18 48.169	28 38 5.88	
99. 9.28	2	48.193	6.72	
99.7		48.181	6.30	

9911 9.4 2.3702 +0.0011 + 6.761 +0.322 — —

97. 7.27	5	19 18 48.210	29 9 12.32	
99.10.10	7	48.526	10.08	
98.7		48.368	11.20	

9913 9^{m}.0 2^{s}.4165 +0^{s}.0011 + 6$''$.766 +0$''$.329 27°3373

97. 7.31	7	19^{h} 18^{m} 52^{s}.102	27° 31′ 9$''$.81	
98. 8.17	7	52.066	10.27	
98.1		52.084	10.04	

9915 9.2 2.4890 +0.0009.+ 6.777 +0.338 24°3733

97. 8.10	4	19 18 59 517	24 52 4.00	
98. 8.31	7	59.431	2.91	
98. 9. 2	7	59.337	1.79	
98.3		59.428	2.90	

9920 9.3 2.4159 +0.0011 + 6.787 +0.329 27°3378

97. 9.10	7	19 19 7.672	27 33 5.34	
98. 9. 6	6	7.521	6.83	
99. 8.24	5	7.537	4.92	
98.7		7.577	5.70	

9924 No star in place : see main catalogue

9927 9.5 2.4731 +0.0009 + 6.803 +0.336 — —

97. 8.19	6	19 19 18.939	25 28 29.54	
98. 9. 3	7	18.791	28.71	
98. 9.15	5⁻	18.750	28.62	bright
98.3		18.827	28.96	

9942 9.3 2.4152 +0.0011 + 6.846 +0.328 27°3383

97. 8.12	6	19 19 50.134	27 36 7.35	
98. 8.23	5	50.005	6.44	
98. 9.14	7	50.069	5.63	
98.3		50.069	6.47	

9963 9.5 2.4355 +0.0010 + 6.925 +0.330 — —

97. 8. 4	7	19 20 48.163	26 54 22.01	
97. 8.27	7	48.152	21.29	
98. 8.20	7	48.217	22.15	
98.0		48.177	21.82	

9964 9.2 2.3906 +0.0011 + 6.926 +0.324 28°3328 A

97. 7.23	7	19 20 48.745	28 30 48.36	d.n.p.
97. 9.23	5	48.940	46.31	d.n.p.
98. 7.16	7	48.795	48.21	
97.9		48.827	47.63	

9974 9.2 2.4526 +0.0010 + 6.975 +0.333 26°3553

97. 8.11	7	19 21 24.579	26 18 22.39	
97. 9. 3	7	24.710	21.74	
98. 9. 8	7	24.557	23.30	
98.0		24.615	22.48	

9989 9.1 2.4147 +0.0011 + 7.026 +0.327 27°3394

97. 8 18	7	19 22 2.270	27 42 5.83	
97. 9. 9	7	2.066	4.61	
98. 8.25	7	2.137	6.10	
98.0		2.158	5.51	

9991 9.2 2.4907 +0.0009 + 7.040 +0.336 — —

97. 8.25	7	19 22 11.607	24 55 3.63	
97.10. 5	5	11.800	3.62	
98. 9. 2	4	11.711	4.09	
98.0		11.706	3.78	

9997 9^{m}.5 2^{s}.3652 +0^{s}.0011 + 7$''$.062 +0$''$.320 29°3599

98. 8.17	6	19^{h} 22^{m} 28^{s}.206	29° 28′ 6$''$.83	n. of 2

9999^{a} 9.4 2.3663 +0.0011 + 7.065 +0.320 29°3601

97. 8.10	3	19 22 30.480	29 25 50.66	
97. 9.21	5	30.274	50.06	
98. 8.31	5	30.338	48.84	
98.0		30.364	49.85	

The Z.C. place of 9999 is 1′ wrong: corrected reduction gives

80. 8.24	3	19 22 30.746	29 25 49.63	+1′

10002 9.5 2.3653 +0.0011 + 7.071 +0.319 — —

97. 7.31	7	19 22 34.742	29 28 12.55	v. ft.
98. 8.27	5	34.798	10.33	too ft.
99. 9.12	7	34.981	12.83	n. p. of 2, v. ft.
99. 9.14	3	35.065	10.06	
98.9		34.896	11.44	

10004^{a} 9.5 2.4212 +0.0011 + 7.077 +0.327 — —

97. 9.10	4	19 22 39.220	29 27 40.71	‖ ex. ft.

10028 9.3 2.3937 +0.0011 + 7.199 +0.323 28°3356

97. 7.23	5	19 24 8.372	28 32 23.75	
98. 8.18	6	8.321	21.99	
98. 8.20	5	8.354	22.62	
98.3		8.349	22.79	

10033 9.4 2.4643 +0.0010 + 7.213 +0.332 25°3850

97. 8. 4	5	19 24 19.231	25 59 2.41	
98. 8.23	7	19.234	0.69	
98. 9. 3	7	19.185	1.03	
98.3		19.217	1.38	

10037 9.5 2.3636 +0.0011 + 7.246 +0.318 29°3615

97. 8.12	7	19 24 43.152	29 36 58.17	
98. 9. 6	7	42.911	58.81	
98. 9. 9	7	43.089	57.76	
98.3		43.051	58.25	

10037^{a} 10 2.4495 +0.0010 + 7.251 +0.330 — —

97. 9. 3	4	19 24 47.371	26 32 46.67	‖ p. of 2, v. ft.

Confirmed by Oxford photograph 97.7.31

10040 9.5 2.4493 +0.0010 + 7.263 +0.330 — —

97. 7.24	5	19 24 56.583	26 33 31.40	ex. ft.
98. 9.10	3	56.345	27.65	too ft.
98. 9.15	7	56.231	29.04	ex. ft.
98.3		56.386	29.36	

10041 9.5 2.4499 +0.0010 + 7.264 +0.330 26°3569

97.10. 7	2	19 24 57.217	26 32 22.21	

10045 9.5 2.3945 +0.0011 + 7.297 +0.322 — —

97. 8.27	7	19 25 20.708	28 33 28.35	
98. 9. 8	7	20.696	27.79	
98. 9.14	7	20.738	27.73	
98.3		20.714	27.96	

10046 $9^{m}5$ $2^{s}3691$ +$0^{s}0011$ + $7''297$ +$0''319$ 29°3619

97. 8.18	6	$19^{h}25^{m}20^{s}512$	29° 27′ 7″01	
98. 8.31	5	20.440	6.46	
98. 9. 2	5	20.342	7.56	
98.3		20.431	7.01	

10050 9.4 2.3972 +0.0011 + 7.326 +0.322 — —

97. 8.11	7	19 25 42.464	28 28 41.59	
97. 9. 9	7	42.539	40.28	
98. 8.25	4	42.494	39.90	v. ft.
98.0		42.499	40.59	

10064 9.5 2.3864 +0.0011 + 7.380 +0.320 28°3371

97. 7.31	7	19 26 21.822	28 53 7.88	
97. 8 31	5	21.824	7.36	
98. 8.17	7	21.834	9.34	
98.0		21.827	8.19	

10073 9.5 2.3872 +0.0011 + 7.437 +0.320 — —

97. 8.25	4	19 27 3.971	28 53 9.08	
97. 9.10	7	4.069	8.99	
98. 8.27	7	4 144	9.32	clds.
98.0		4.061	9.13	

10097 9.2 2.3534 +0.0011 + 7 544 +0.315 30°3624

97. 8. 4	7	19 28 23.664	30 7 40.76	
97. 9.21	7	23.342	39.44	
98. 8.18	5	23.370	39.45	
98. 8.20	7	23.617	40.31	
98.1		23.498	39.99	

10105 9.3 2.4198 +0.0011 + 7.592 +0.323 — —

97. 7.24	7	19 28 58.499	27 47 59.42	f. of 2
97. 8.27	7	58.624	58.86	f. of 2
98. 8.25	7	58.567	58.04	
98.0		58.563	58.77	

10106 9.5 2.4254 +0.0011 + 7.594 +0.324 — —

97. 8 12	7	19 28 59.635	27 35 54.70	
97. 9. 3	5	59.644	54.01	
98. 9. 3	7	59.576	54.45	
98.0		59.618	54.39	

10109 9.4 2.4046 +0.0011 + 7.598 +0.321 — —

97. 8.11	7	19 29 2.766	28 21 7.98	s. p. of 2
97.10. 5	3	2.879	6.87	
98. 9. 6	7	2.733	7.07	
98.0		2.793	7.31	

10123 9.2 2.4046 +0.0011 + 7.653 +0.321 — —

97. 8.18	7	19 29 43.784	28 22 49.94	
97. 9. 9	7	43.672	48.54	
98. 9. 8	7	43.657	51.08	
98.0		43.704	49.85	

10125 9.5 2.4273 +0.0011 + 7.660 +0.324 — —

97. 8 19	7	19 29 49.648	27 33 55.26	
97.10. 7	7	49.479	54.62	
98. 8.31	7	49.390	53.49	
98.0		49.506	54.46	

10156 $9^{m}3$ $2^{s}4269$ +$0^{s}0011$ + $7''750$ +$0''323$ — —

97. 7.23	7	$19^{h}30^{m}55^{s}906$	27° 37′ 31″83	
97. 7.31	5	56.050	29.19	
98. 8.17	7	56.033	30.31	
97.9		55.996	30.44	

10169 9.3 2.3959 +0.0011 + 7.787 +0.318 — —

97. 7.27	7	19 31 23.470	28 45 59.12	
97. 8.28	7	23.776	59.77	
98. 9. 9	7	23 684	60.06	
99. 9.12	3	23.843	59.61	
98.2		23 693	59 64	

10176 9 5 2.4605 +0.0010 + 7.812 +0.327 26°3611

97. 8.21	7	19 31 42.424	26 25 5.47	
98. 8.27	7	42.541	4.29	clds.
98. 9.10	7	42.508	5.69	
98.3		42.491	5.15	

10180 9.3 2.3686 +0.0011 + 7.843 +0.315 29°3669

97. 8.25	7	19 32 5.140	29 45 50.35	
98. 9.14	5	5.339	49.75	
98. 9.15	7	5.322	50.52	
98.4		5.267	50.21	

10189 9.4 2.4378 +0.0010 + 7.857 +0.324 — —

97. 8.27	7	19 32 16.047	27 17 8.06	
98. 8 20	7	16.011	7.52	
98. 9.16	7	15.946	7.63	
98.3		16.001	7.74	

10196 9.5 2.4120 +0.0011 + 7.894 +0.320 — —

97. 8.12	7	19 32 43.004	28 14 47.96	
98. 8.25	5	42.726	48.02	
98. 9. 3	7	42.839	48.49	
98.3		42.856	48.16	

10200 9.3 2.4607 +0.0010 + 7.902 +0.326 26°3617

97. 8.11	7	19 32 49.220	26 27 28.43	
98. 9. 6	7	49.103	28.51	
98. 9.26	3	49.254	28.87	
98.3		49.192	28.60	

10204 9.5 2.4610 +0.0010 + 7.922 +0.326 26°3622

97 8.18	6	19 33 4.055	26 27 35.66	
98. 9. 8	5	3.931	35.91	
98. 9.28	3	3.919	35.81	
98.4		3.968	35.79	

10205 9.5 2.4253 +0.0011 + 7.923 +0.321 — —

97. 8.31	7	19 33 4.633	27 46 39.79	v. ft.
98. 9.17	7	4.902	39.48	
98. 9.30	5	4.868	39.90	
99. 9.14	5	5.060	40.48	
99. 9.20	7	5.096	40.36	
98.9		4.912	40.00	

10206 $9^m.4$ $2^s.4491$ $+0^s.0010$ + $7''.923$ $+0''.324$ — —

97. 9. 3	7	19^h	33^m	$5^s.249$	26°	54′	$17''.45$	n. f. of 3
98. 9.20	3			5.132			16.66	
98.10. 1	5			5.262			15.61	
98.4				5.214			16.57	

10207 9.3 2.3578 +0.0012 + 7.924 +0.312 30°3666

97 9.10	7	19	33	5.886	30	11	10.12	
98. 9.21	5			5.997			10.48	
98.10 3	7			6.058			9.77	
98.4				5.980			10.12	

10208 9.4 2.3670 +0.0012 + 7.926 +0.314 29°3677

97. 9.18	3	19	33	6.718	29	51	58.60	
98. 9.22	1			6.446			57.20	
98.10. 8	3			6.966			57.67	
99. 8.24	7			6.934			56.90	
99. 9.22	7			6.966			56.96	
98.9				6.806			57.47	

10216 9.4 2.3598 +0.0012 + 7.968 +0.312 — —

97. 8.19	7	19	33	38.770	30	8	31.52	—1′
98. 8.31	7			38.681			29.27	
99. 8.30	2			39.226			31.30	n. p. of 2
98.7				38.892			30.70	

10224 9.3 2.4133 +0.0011 + 7.991 +0.319 — —

97. 9. 9	7	19	33	55.615	28	13	41.87	
98. 9.23	4			55.498			43.09	
99. 9. 1	7			55.909			43.34	
99. 9. 2	7			55.977			43.19	
98.9				55.750			42.87	

10229 9.5 2.4166 +0.0011 + 8.025 +0.319 28°3423

97. 7.31	7	19	34	20.825	28	9	5.15	
98. 8.17	3			20.869			6.93	
99. 9. 4	7			20.803			5 82	
99. 9.12	7			20.965			6.71	
98.9				20.866			6.15	

10233 9.5 2.3924 +0.0011 + 8.032 +0.316 — —

97.10. 5	5	19	34	25.868	29	1	38.55	v. ft.
98. 9.26	2			25.808			37.13	
99. 9. 5	7			25.628			35.99	v. ft.
98.7				25.768			37.22	

10239 9.2 2.4764 +0.0010 + 8.039 +0.327 25°3911

97.10. 7	5	19	34	31.586	25	56	30.20	bright
98. 9. 9	5			31.475			29.56	
99. 9. 9	7			31.592			29.61	
98.7				31.551			29.79	

10256 9.2 2.5020 +0.0009 + 8.091 +0.330 — —

97. 8.21	7	19	35	9.878	24	59	32.37	
98. 8.27	5			9.941			31.36	clds.
98. 9.10	7			9.920			31.83	
98.3				9.913			31.85	

10263 $9^m.4$ $2^s.4805$ $+0^s.0010$ + $8''.117$ $+0''.327$ — —

97. 8.28	7	19^h	35^m	$29^s.774$	25°	49′	$42''.29$	
98. 9.28	5			29.685			44.45	
98.10. 8	5			29.626			42.71	
98.4				29.695			43.15	

10270 9.0 2 4569 +0.0010 + 8.141 +0.324 — —

97. 9.18	1	19	35	47.659	26	43	52.41	ex. ft.
98. 9.14	7			47.641			52.58	
98. 9 15	7			47.603			53.53	
98.4				47.634			52.84	

10273 9.3 2.4262 +0.0011 + 8.157 +0.319 27°3463

97. 8.27	7	19	35	59 516	27	52	39 71	
98. 8.20	7			59.811			40.05	
98. 9.16	7			59.856			39.70	
98.3				59.728			39.82	

10276 9.5 2 3966 +0.0011 + 8.166 +0.315 28°3433

97. 8.12	7	19	36	6.819	28	57	17.18	
98. 8.25	5			6.748			17.93	s. of 2
98. 9.21	5			6.922			16.99	
98.3				6.830			17.37	

10277 9.4 2.4435 +0.0010 + 8.167 +0.322 27°3464

97. 8.11	7	19	36	7.788	27	14	47.54	
98. 9. 3	7			7.715			47.78	
98. 9.20	5			7.748			47.73	
98 3				7.750			47.68	

10285 9.0 2.4490 +0.0010 + 8.211 +0.322 — —

97. 8.18	6	19	36	40.454	27	3	49.78	
98. 9. 6	7			40.171			50.64	
98. 9.17	7			40.492			50.85	
98.3				40.372			50.42	

10286 9.4 2.4704 +0.0010 + 8.217 +0.325 — —

97. 8.31	5	19	36	44.760	26	15	56.07	v. ft.
98. 9. 8	7			44.678			56.57	ft.
98. 9.30	5			45.007			55.56	f. of 2
99. 9 14	7			44.967			57.56	
99. 9.20	7			45.246			56.91	
99. 9.22	5			45.120			56.34	
99.0				44.963			56.50	

10296 9.5 2.4472 +0.0010 + 8.247 +0.322 — —

97. 8.19	7	19	37	7.305	27	9	7.03	
98. 9.23	7			7.343			6.42	
98.10. 1	5			7.280			5.71	
98.4				7.309			6.39	

10305 9.5 2.3708 +0.0012 + 8.276 +0.311 — —

97. 9. 3	7	19	37	29.626	29	56	32.67	
98. 8.31	7			29.725			33.71	
98.10. 3	5			29.906			32.97	
98.4				29.752			33.12	

10327 $9^{m}.0$ $2^{s}.3962$ $+0^{s}.0012$ + $8''.362$ $+0''.314$ — —

97. 7.31	7	$19^{h}38^{m}33^{s}.821$	$29^{\circ}\ 5'\ 18''.60$	
97.10. 5	5	33.879	16.81	
98. 8.17	7	33.841	18.47	
98.0		33.847	17.96	

10329 9.4 2.4895 +0.0010 + 8.374 +0.326 25°3934

97. 9. 9	7	19 38 43.273	25 37 39.99	
98. 8.27	7	43.078	39.65	
98. 9. 9	7	43.031	40.37	
98.3		43.127	40.00	

10332 9.3 2.4199 +0.0011 + 8.382 +0.317 — —

97. 8.21	7	19 38 49.075	28 14 21.82	
98. 9.26	3	48.915	21.10	
99. 8.24	3	48 975	20.49	
98.7		48.988	21.14	

10334 9.3 2.4185 +0.0011 + 8.390 +0.317 — —

97. 9.10	7	19 38 54.912	28 17 56.15	
98. 9.10	7	55 150	58 16	
98 10. 8	5	55.196	56.61	
98.4		55.086	56.97	

10337 9.1 2.5024 +0.0009 + 8.409 +0.328 25°3939

97 8.25	5	19 39 9.528	25 9 1.67	
98. 9.14	5	9.495	1.94	v. ft.
98 9.15	7	9.647	1.73	
98.4		9.557	1.78	

10342 9.3 2.4487 +0.0010 + 8.422 +0.320 — —

97. 9.21	7	19 39 19.329	27 12 1.50	
98. 9.20	7	19.436	1.61	
98. 9.28	5	19.521	1.31	
98.4		19.429	1.47	

10347 9.5 2.3764 +0.0012 + 8.432 +0.311 29°3717

97. 8.12	5	19 39 26.832	29 50 29.39	
98. 9.16	5	26.770	29.44	
98. 9.21	7	26.775	29.34	
98.3		26.792	29.39	

10351 9.2 2.3814 +0.0012 + 8.456 +0.311 29°3720

97. 8.11	7	19 39 45.160	29 40 33.93	
98. 8.20	7	45.201	33.92	
98. 9. 3	7	45.195	33.45	
98.3		45.185	33.77	

10368 9.4 2.5100 +0.0009 + 8.501 +0.328 24°3865 A

97. 8.18	7	19 40 19.104	24 54 18.72	d.p.l.
98. 9. 6	7	18.876	19.28	
98. 9. 8	7	18.845	19.67	
98.3		18.942	19.22	

10370 Examined 97.8.27 and 97.8.28: star not found. See main catalogue

10371 $9^{m}.5$ $2^{s}.5065$ $+0^{s}.0009$ + $8''.513$ $+0''.328$ 25°3952

97. 8.31	7	$19^{h}40^{m}28^{s}.764$	$25^{\circ}\ 3'\ 7''.07$	
98. 9.17	7	28.762	7.55	
98. 9.30	5	28.781	7.09	
98.4		28.769	7.24	

10374 9.5 2.4725 +0.0010 + 8.529 +0.323 — —

97.10. 7	3	19 40 40.389	26 21 61.22	ft.
98. 9.23	5	40.300	55.12	
99. 8.30	6	40.312	55 08	
99. 9.12	7	40.260	55.04	ft.
99.0		40.315	56.62	

10378 9.5 2.4967 +0.0009 + 8.536 +0.326 25°3954

97.10.16	7	19 40 46.250	25 26 34.81	
98.10. 1	5	46.048	33.41	v. ft.
99 9. 1	5	46 231	34.91	
99. 9. 2	5	46.331	33.10	
99.0		46.215	34.06	

10379 9.3 2.4614 +0.0010 + 8.538 +0.321 — —

98. 9.22	7	19 40 47.362	26 47 30.08	
99. 9. 4	7	47.500	29.63	
99. 9. 5	7	47.531	29.25	
99.4		47 464	29.65	

10380 9.1 2.4057 +0.0012 + 8.543 +0.314 28°3467

97.10. 5	2	19 40 50 789	28 51 34.28	
98.10. 3	5	50.914	36.13	
99. 9. 9	7	50.835	35.75	
98.7		50.846	35.39	

10381 9.3 2.4751 +0.0010 + 8.544 +0.323 26°3663

97. 9. 3	5	19 40 51.754	26 16 31.55	
98. 8.31	7	51.620	31.86	
99. 8 24	5	51.730	30.73	
98.7		51.701	31.38	

10398 9.4 2.4056 +0.0012 + 8.601 +0.313 — —

97. 9 30	4	19 41 34.461	28 53 53.31	1 clock star
98. 9.26	5	34.591	54.27	
98. 10.11	5	34.451	54.21	
99. 9.14	7	34.649	54.50	
98.7		34.538	54.07	

10409 No star in place: see main catalogue

10409^{a} 9.5 2.4732 +0.0010 + 8.645 +0.322 — —

97. 7.31	7	19 42 8.632	26 24 31.30	‖
98. 8.17	7	8.313	33.41	
98. 9.21	4	8.578	32.59	
98.10. 8	5	8.399	31.57	ft.
98.4		8.480	32.22	

10413 9.5 2.5042 +0.0009 + 8.658 +0.326 25°3967

97. 9. 9	5	19 42 18.474	25 13 14.62	
98. 9. 9	7	18.531	16.18	
98. 9.10	5	18.640	15.91	
98.4		18.548	15.57	

10419 $9^{m}.5$ $2^{s}.3792$ $+0^{s}.0012$ $+ 8''.694$ $+0''.309$ — —

97. 9.10	7	$19^{h}42^{m}45^{s}.472$	$29^{\circ}54'35''.16$	f. of 2
98. 9.14	7	45.644	37.14	
98. 9.15	7	45.709	36.58	
98.4		45.608	36.29	

10424^{a} 9.3 2.3899 +0.0012 + 8.719 +0.310 — —

97. 8.11	4	19 43 5.132	29 32 7.11	‖

Confirmed by Oxford photograph 95.9.21

10428 9.3 2.3911 +0.0012 + 8.725 +0.310 29°3750

97. 8.25	7	19 43 9.215	29 30 14.56	
98. 8.25	7	9.225	14.90	
98 9.16	5	9.330	14.62	
98.3		9.257	14.69	

10431 9.3 2.5002 +0.0009 + 8.742 +0.325 25°3976

97. 9.21	7	19 43 22.698	25 25 43.94	
98. 9.20	7	22.679	44.39	
98. 9.28	3	22.653	44.64	
98.4		22.677	44.32	

10432^{a} 9.3 2.3918 +0.0012 + 8.745 +0.310 — —

98. 8.20	5	19 43 24.909	29 29 28.07	‖

Confirmed by Oxford photograph 95.9.21

10439 9.5 2.5072 +0.0009 + 8.768 +0.325 25°3980

98. 9. 3	7	19 43 42.389	25 10 16.06	
98. 9. 6	7	42.226	15.77	
99. 9.22	3	42.649	16.02	
99.0		42.421	15.95	

10440 9.4 2.5030 +0.0009 + 8.774 +0.325 25°3982

97. 8.28	4	19 43 47.076	25 20 25.98	
98. 9.30	5	46.781	24.52	
99. 9.28	7	47.214	25.97	
98.7		47.024	25.49	

10446 9 4 2.4362 +0.0011 + 8.798 +0.315 27°3524

97. 8.18	7	19 44 4.880	27 53 45.92	
98. 9. 8	7	4.718	46.31	
99. 9. 1	4	4.589	46.12	clds.
99. 9. 2	7	5.063	46.09	
98.9		4.812	46.11	

10447 No star in place: see main catalogue

10450^{a} 9.5 2.3750 +0.0012 + 8.809 +0.307 30°3759

97. 8.27	7	19 44 13.462	30 8 8.49	‖
98. 9.17	5	13.431	8.25	-1^{m}: n.p. of 2
98. 9.23	7	13.274	7.37	n.p. of 2
98.4		13.389	8.04	

10455 9.3 2.3786 +0.0012 + 8.828 +0.308 29°3759

97. 8.31	7	19 44 28.211	30 1 13.34	
98. 8.31	7	28.329	13.80	
98. 9.22	5	28.272	15.23	
98.3		28.271	14.12	

10458 $9^{m}.5$ $2^{s}.4764$ $+0^{s}.0010$ $+ 8''.836$ $+0''.320$ — —

97. 9. 3	7	$19^{h}44^{m}34^{s}.335$	$26^{\circ}24'4''.60$	
98.10. 1	4	34.246	3.71	
99. 8.24	5	34.128	5.21	
98.7		34.236	4.51	

10461 9.4 2.5168 +0.0009 + 8.841 +0.326 — —

97.10. 5	5	19 44 37.318	24 50 24.52	
98.10. 3	5	37.282	23.36	
99. 8.30	7	37.206	22.98	
98.7		37.269	23.62	

10464 9.3 2.4271 +0.0011 + 8.852 +0.314 28°3491

97.10. 7	7	19 44 46.474	28 16 15.02	
98.10.11	5	46.607	13.55	
99. 9. 9	7	46.744	14.36	
98.7		46.608	14.31	

10469 9.5 2.4816 +0.0010 + 8.868 +0.320 — —

97.10.16	6	19 44 58.082	26 13 30.09	v.ft.
99. 9. 4	7	58.369	30.94	
99. 9. 5	7	58.299	30.94	
99.0		58.250	30.66	

10472 9.4 2.5028 +0.0009 + 8.878 +0.323 25°3994

97. 9.30	5	19 45 5.754	25 24 26.75	
98. 9.26	5	5.916	27.31	
99. 9.30	7	6.096	27.45	
99.10. 5	7	6.105	28.33	
99.0		5.968	27.46	

10478 9.4 2.5147 +0.0009 + 8.909 +0.325 — —

99. 9.14	5	19 45 29.744	24 57 44.01	many stars
99. 9.20	7	29.871	44.33	
99.10. 6	7	29.684	45.00	
99.7		29.766	44.45	

10482 9.5 2.3889 +0.0012 + 8.915 +0.308 — —

98. 9.15	5	19 45 34.764	29 42 36.18	
98.10. 8	5	34.586	36.70	
99. 9.22	4	34.676	35.16	
99.1		34.675	36.01	

10486 9.4 2.5153 +0.0009 + 8.926 +0.324 24°3908

98. 9.28	4	19 45 43.249	24 56 48.39	

10487 9.2 2.4104 +0.0012 + 8.932 +0.311 28°3497

97. 8.21	5	19 45 47.171	28 56 16.32	n. of 2
98. 9. 9	7	47.169	16.25	
98. 9.10	7	47.116	16.03	
98.3		47.152	16.20	

10490 9.5 2.4377 +0.0011 + 8.940 +0.314 27°3533

97. 9. 9	7	19 45 53.066	27 56 5.82	p. of 2
98. 8.17	7	53.025	6.55	p. of 3
98. 9.14	5	53.237	6.64	
98.3		53.109	6.34	

10502 $9^{m}.3$ $2^{s}.4792$ $+0^{s}.0010$ + $8''.991$ $+0''.319$ 26°3693

97. 9.10	7	$19^{h}46^{m}32^{s}.479$	26° 23′ 36″.33	
98 8.25	5	32.553	37 09	
98. 9.16	7	32.574	36.80	
98.3		32 535	36.74	

10508 9.4 2.3834 +0.0013 + 9.007 +0.306 — —

97. 8.12	7	19 46 45.407	29 58 15.65	
98. 8.20	7	45.335	16.80	
98. 9.30	3	45.340	15.59	
98.3		45.361	16.01	

10510 9.1 2.4608 +0.0011 + 9.026 +0.317 27°3540

97 8.25	7	19 47 0 333	27 7 12.31	
97. 9.21	7	0.380	13.32	
98. 9.20	7	0.496	12.56	
98.0		0.403	12.73	

10524 9 3 2.3984 +0.0012 + 9.042 +0.308 29°3780

97. 8.11	7	19 47 11.860	29 27 14.38	
98. 9. 3	7	11.959	12.87	
98. 9. 6	7	11 821	14.04	
98.3		11.880	13.76	

10535 9.5 2.4238 +0.0012 + 9.093 +0.311 — —

97. 8.18	7	19 47 51.396	28 33 20.57	
98. 9. 8	7	51.319	20.34	
98. 9.17	7	51.503	21.84	
98.3		51.406	20.92	

10541 9.0 2.4369 +0.0012 + 9.106 +0.313 — —

97. 8.27	7	19 48 1.011	28 4 30.35	
98. 8.31	7	0.951	30.01	
98 9.23	5	0.763	30.27	
98.3		0.908	30.21	

10547 9.3 2.3851 +0.0013 + 9.116 +0.306 — —

97. 8.28	7	19 48 8.391	29 59 16.56	
98. 9.22	6	8.287	18.52	v. ft.
98.10. 1	5	8.280	16.33	
98.4		8.319	17.14	

10565 9.5 2.4938 +0.0010 + 9.162 +0.319 — —

97. 8.31	7	19 48 44.124	25 56 7.13	
98. 9.26	5	44.222	6.71	
98.10. 3	3	44.242	7.37	
98.4		44.196	7.07	

10567 9.4 2.4758 +0 0011 + 9.164 +0.317 26°3713

97. 9. 3	7	19 48 45.559	26 38 4.44	
98. 9.21	7	45.394	3.04	
98.10. 8	5	45.476	3.79	
98.4		45.476	3.76	

10573 9.3 2.4125 +0.0012 + 9.201 +0.309 — —

97.10. 5	6	19 49 14.029	29 3 11.75	w. 2 − 10^{s}
98. 9. 9	5	13.995	11.34	[m. of 3
98. 9.10	5	14.037	11.63	
98.4		14.020	11.57	

10580 $9^{m}.2$ $2^{s}.4820$ $+0^{s}.0010$ + $9''.229$ $+0''.317$ — —

97. 8 21	7	$19^{h}49^{m}35^{s}.684$	26° 26′ 32″.27	p. of 2
98. 9.14	7	35.620	32.16	
98. 9.15	5	35.773	31.63	n. p. of 2
98.3		35.692	32.02	

10581 9.5 2.4402 +0.0012 + 9.232 +0.312 — —

97. 9. 9	7	19 49 38.206	28 2 2.62	
98. 9.28	5	38.314	4.84	
99. 8 24	7	38.262	2.17	
98.7		38.261	3.21	

10583^{a} 9.4 2.4323 +0.0012 + 9.237 +0.311 28°3526

97.10.16	5	19 49 42 535	28 19 50.70	
99. 9 2	7	42.710	51.01	
99. 9. 5	7	42.461	50.00	
99.0		42.569	50.57	

The Z.C. place of 10587 is 10^{s} wrong: corrected reduction gives

78. 8.26	2	19 49 42.569	28 19 50.40	− 10^{s}

10585 9.0 2.4816 +0.0010 + 9.240 +0.317 — —

97.10. 7	7	19 49 44.535	26 27 38.02	
98.10.11	3	44.422	38.48	
99. 8 30	7	44.488	37.97	
98.7		44.482	38.16	

10592 9.1 2.4453 +0.0012 + 9.261 +0.312 27°3555

98. 9.16	7	19 50 0.167	27 51 49.72	
99. 9. 4	7	0.250	49.97	
99 9. 9	7	0.306	49.07	
99.4		0.241	49.59	

10593 9.2 2.4371 +0.0012 + 9.262 +0.311 28°3527

98. 8.25	7	19 50 1.547	28 10 32.52	
98. 9.30	5	1.673	31.78	
99. 9.14	7	1.658	32 78	
99.0		1 626	32.36	

10604 9 4 2.4924 +0.0010 + 9.290 +0.319 26°3726

97. 8.12	7	19 50 22.997	26 4 37.69	
98. 8.20	7	23.031	37.25	
99. 9.30	7	23.182	37.04	
98 7		23 070	37.33	

10607 9.5 2.4196 +0.0012 + 9.298 +0.309 — —

97. 9.10	7	19 50 28.662	28 51 14.11	
98. 9.20	5	28.803	13.58	
99.10. 5	7	29.091	13.76	s. of 2
98 7		28.852	13.82	

10617 9.4 2.4251 +0.0012 + 9.322 +0.309 28°3535

97. 8.25	7	19 50 47.417	28 39 60.03	
99. 9.20	7	47 659	60.70	
99.10. 6	7	47.760	59.65	
99.0		47.612	60.13	

10619 9.5 2.4382 +0.0012 + 9.334 +0.310 — —

97. 9.21	3	19 50 56.381	28 10 52.58	too ft.
99. 9.22	7	56 678	55.19	p. of 2: v. ft.
99.10. 9	7	56.648	57.31	
99.1		56 569	55.03	

10620 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.4934$ $+0^{\mathrm{s}}.0010$ + $9''.336$ $+0''.318$ — —

98. 9. 3	7	$19^{\mathrm{h}}50^{\mathrm{m}}58^{\mathrm{s}}.407$	$26^\circ\ 4'\ 18''.12$	
98. 9. 6	7	58.233	19.31	
99.10. 9	7	58.449	18.21	
99.0		58.363	18.55	

10621 9.2 2.4592 +0.0011 + 9.338 +0.313 27°3561

97. 8.11	7	19 51 0.157	27 23 23.77	
99. 9.28	7	0.477	21.79	
99.10.11	7	0.071	23.05	
99.0		0.235	22.87	

10626 9.5 2.4942 +0.0010 + 9.367 +0.318 26°3734

98. 9. 8	7	19 51 22.736	26 3 35.88	
98. 9.17	7	23.045	36.96	
98.7		22.890	36.42	

10629 9.0 2.4201 +0.0013 + 9.378 +0.308 28°3540

97.10. 5	2	19 51 31.093	28 53 30.45	
98.10. 1	5	31.123	30.52	
98.10.11	2	30.862	30.54	
98.4		31.026	30.50	

10630 9.4 2.4665 +0.0011 + 9.383 +0.314 27°3564

98. 8 31	7	19 51 34.886	27 8 25.65	
98. 9.23	5	34.939	25.57	bright
98.10. 8	5	35.097	25.17	
98.7		34.974	25.46	

10631 9.0 2.4052 +0.0013 + 9.387 +0.306 — —

97. 8.27	5	19 51 38.322	29 27 3.30	
98. 9.22	7	38.316	4.88	
98.10. 3	5	38.300	2.95	
98.4		38.313	3.71	

10643 9.5 2.4847 +0.0010 + 9.424 +0.316 — —

97. 8.28	7	19 52 6.838	26 28 5.97	
98. 9.21	7	6.672	6.28	w. 1.+ 1^{s}
98. 9.26	5	6.576	7.93	
98.4		6.695	6.73	

10661 9.3 2.4977 +0.0010 + 9.484 +0.317 25°4046

97. 8.31	7	19 52 53.868	26 0 0.13	
98. 9. 9	7	53.909	0.20	
98. 9.10	7	53.882	0 78	
98.3		53.886	0.37	

10678 9.5 2.4198 +0.0013 + 9.558 +0.306 — —

97. 9 3	5	19 53 50.806	29 2 8.96	
98. 9.14	7	50.619	8.51	s. p. of 2
98. 9.15	7	50.883	8.71	
98.4		50.769	8.73	

10683 9.4 2.4981 +0.0010 + 9.571 +0.316 25°4053

97. 8.12	5	19 54 0.888	26 2 33.98	
98. 8.20	7	1.002	33.76	
98. 9.16	7	1.027	33.60	
98.3		0.972	33.78	

10688 $9^{\mathrm{m}}.3$ $2^{\mathrm{s}}.4247$ $+0^{\mathrm{s}}.0013$ + $9''.587$ $+0''.307$ 28°3559

97. 9. 9	7	$19^{\mathrm{h}}54^{\mathrm{m}}13^{\mathrm{s}}.702$	$28^\circ\ 52'\ 23''.01$	
98. 9.20	7	13.777	23.51	
98. 9.28	5	13.786	25.00	
98.4		13.755	23.84	

10689 9.4 2.4893 +0.0011 + 9.591 +0.315 26°3754

97. 9.10	7	19 54 16.608	26 24 14.20	
98. 9.30	7	16.711	13.72	p. of 2
99. 9. 4	7	16.907	14.94	
98.7		16.742	14.29	

10690 9.2 2.4505 +0.0012 + 9.592 +0.310 27°3576

97. 9.21	5	19 54 17.447	27 54 7.46	
99. 8.24	7	17.599	6.61	
99. 9. 2	7	17.727	7.90	
99.0		17.591	7.32	

10691 9.5 2.4061 +0.0013 + 9.592 +0.304 29°3834

97. 9.30	7	19 54 17.642	29 34 13.84	1 clock star
98.10.11	3	17.593	12.51	
99. 9. 5	7	17.792	12.49	
99. 9. 9	7	17.718	12.80	
99.0		17.686	12.91	

10692 9.5 2.4459 +0.0012 + 9.596 +0.310 28°3560

97. 8.25	7	19 54 20.634	28 4 54.82	s. f. of 2
98. 9. 3	7	20.639	54.19	
98. 9. 6	7	20.481	54.61	
98.3		20.585	54.54	

10702 9.5 2.4442 +0.0012 + 9.646 +0.308 28°3571

97. 8.11	7	19 55 0 217	28 10 61.17	
98. 9. 8	7	0.313	59.28	
98. 9.17	7	0.421	62.01	
98 3		0.317	60.82	

10715 9.3 2.4955 +0.0011 + 9.681 +0.315 26°3759

97. 8.27	7	19 55 27.715	26 13 35.20	
98. 8.31	7	27.591	34.31	
98. 9 22	7	27.579	36.10	
98.3		27.628	35.20	

10717 9.3 2.4654 +0.0012 + 9.686 +0.310 27°3583

97.10. 5	7	19 55 31.631	27 24 4.79	
98. 9.21	7	31.725	4.26	
98. 9.23	7	31.647	5.11	
98.4		31.668	4.72	

10722 9.0 2.4876 +0.0012 + 9.702 +0.314 — —

97.10. 7	7	19 55 43.545	26 32 54.67	
98. 9.26	5	43.607	54.78	
98.10. 1	7	43.565	53.27	
98.4		43.572	54.24	

10732^{a} 9.5 2.5131 +0.0010 + 9.739 +0.316 — —

97. 8.28	5	19 56 12.722	25 33 56.73	‖ f. of 2: v. ft.
98. 9. 9	2	12.653	54.24	v.ft.
98.10. 3	5	12.780	57.97	
98.4		12.718	56.31	

10735 No star in place: see main catalogue

10738 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.4043$ $+0^{\mathrm{s}}.0014$ $+\,9''.749$ $+0''.303$ 29°3853

97. 8.31	5	$19^{\mathrm{h}}56^{\mathrm{m}}20^{\mathrm{s}}.493$	$29^{\circ}\,45'\,30''.05$	
98. 9.10	7	20.674	30.71	
98.10. 8	7	20.665	30.18	
98.4		20.611	30.31	

10741 9.3 2.4187 +0.0013 + 9.761 +0.304 29°3856

97.10.16	5	19 56 30.211	29 13 44.65	
98. 9.15	4	30.230	45.54	
98. 9.20	2	30.250	45.16	
98.4		30.230	45.12	

10764 9.4 2.4101 +0.0014 + 9.833 +0.302 — —

97. 9. 3	7	19 57 26.381	29 36 37.25	p. of 2
98. 9. 6	5	26.210	37.86	
98. 9.14	7	26.352	38.17	
98.4		26.314	37.76	

10769 9.5 2.5065 +0.0011 + 9.863 +0.314 25°4081

97. 8.12	7	19 57 50.175	25 55 10.85	
97. 8.25	5	50.275	10.31	
98. 8.20	7	50.214	10.74	
98.0		50.221	10.63	

10776 9.2 2.4765 +0.0012 + 9.897 +0.310 27°3596

97. 9. 6	7	19 58 17.290	27 7 44.71	– 1′
97. 9.21	7	17.133	44.17	
98. 9. 3	7	17.248	43.90	
98.0		17.224	44.26	

10788 9.5 2.4186 +0.0013 + 9.933 +0.302 — —

97. 9. 9	7	19 58 45.231	29 22 20.98	
97. 9.23	3	45.449	20.14	ft.
98. 9. 8	5	45.194	20.83	
99. 9.14	7	45.502	20.99	
99. 9.20	7	45.650	20.58	
98.7		45.405	20.70	

10797 9.3 2.5284 +0.0010 + 9.941 +0.316 25°4084

97. 9.10	7	19 58 51.556	25 5 56.20	
97. 9.30	7	51.523	56.17	
98. 9.16	7	51.634	56.02	
98.0		51.571	56.13	

10798 9.4 2.5309 +0.0010 + 9.945 +0.316 24°3990

97. 8.11	7	19 58 55.168	24 59 62.89	
98. 8.31	7	55.066	59.50	f. of 2
98. 9.17	7	55.316	61.70	
98.3		55.183	61.36	

10803 9.2 2.4934 +0.0012 + 9.976 +0.311 — —

97. 8.27	7	19 59 19.415	26 31 11.69	
97.10. 7	7	19.465	12.12	
98. 9. 9	4	19.398	10.53	
98.0		19.426	11.45	

10813ᵃ $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.4772$ $+0^{\mathrm{s}}.0012$ $+10''.002$ $+0''.309$ — —

97. 8.31	3	$19^{\mathrm{h}}59^{\mathrm{m}}40^{\mathrm{s}}.228$	$27^{\circ}\,10'\,58''.44$	‖ ex. ft.
97.10. 5	4	40.081	63.92	ft.
97.7		40.154	61.18	

10820 No star in place: see main catalogue

10852 9.4 2.4451 +0.0014 +10.151 +0.303 — —

97. 8.12	7	20 1 38.118	28 32 27.19	
97.10.16	7	38.023	28.22	
98. 8.20	7	38.002	27.61	
98.0		38.048	27.67	

10863 9.4 2.5195 +0.0011 +10.200 +0.312 25°4108

97. 8.11	5	20 2 16.787	25 39 6.48	
97. 9.21	7	16.664	6.83	
98. 8.25	7	16.689	6.45	too ft.
98.0		16.713	6.59	

10881 9.5 2.5188 +0.0012 +10.256 +0.311 — —

97. 8.25	7	20 3 1.818	25 43 24.07	
98. 8.31	7	1.784	24.50	
98. 9. 3	7	1.747	24.68	
98.3		1.783	24.42	

10889 9.1 2.4242 +0.0014 +10.277 +0.299 — —

97. 8.27	7	20 3 19.076	29 26 45.64	
97.10. 7	7	18.988	46.88	
98. 9. 6	7	18.956	46.51	
98.0		19.007	46.34	

10898 9.3 2.5010 +0.0012 +10.307 +0.309 26°3807

97. 8.28	7	20 3 42.870	26 28 49.78	
98. 9. 8	7	42.668	50.85	
98. 9. 9	7	42.741	50.01	
98.3		42.760	50.21	

10909 9.5 2.4570 +0.0014 +10.337 +0.302 28°3641

97. 8.31	7	20 4 6.288	28 14 3.32	
98. 9.10	7	6.294	5.35	
98. 9.14	7	6.322	6.60	
98.4		6.301	5.09	

10921 9.4 2.4209 +0.0015 +10.373 +0.297 — —

97. 9. 3	7	20 4 35.057	29 39 9.41	
98. 9.15	7	35.243	9.69	
98. 9.16	7	35.247	8.27	
98.4		35.182	9.12	

10928 9.5 2.5165 +0.0012 +10.391 +0.309 25°4126

97. 9. 6	7	20 4 49.582	25 55 6.03	
98. 9.17	7	49.531	5.96	
98. 9.22	7	49.410	7.05	
98.4		49.508	6.35	

10929 9.5 2.4429 +0.0015 +10.391 +0.300 — —

97. 9. 9	7	20 4 49.810	28 49 40.94	
98. 9.20	7	49.969	42.11	
98. 9.23	7	49.897	41.35	
98.4		49.892	41.47	

10933	$9^{m}5$	$2^{s}5177$	$+0^{s}0012$	$+10''401$	$+0''309$	— —
97. 8.21	7	20^{h} $4^{m}57^{s}527$		25° $52'$ $53''46$		
98. 8.20	6	57.307		54.94		
98. 9.26	5	57.376		53.91		
98.3		57.403		54.10		
10951	9.5	2.4767	+0.0014	+10.451	+0.303	27°3639
97. 9.10	7	20 5 37.604		27 33 33.40		
97.10.16	7	37.936		34.05		
98.10.11	3	37.642		34.45		
98.1		37.727		33.97		
10960	9.1	2.4520	+0.0015	+10.476	+0.300	28°3651
97. 8.11	7	20 5 58.255		28 33 4.05		
98. 9.28	7	58.336		3.76		
99. 8.30	7	58.302		2.86		
98.7		58.298		3.56		
10968	9.4	2 5064	+0.0012	+10.495	+0.307	— —
97. 9.21	7	20 6 12.489		26 24 34.06		
98. 9.30	5	12.627		31.42		n.p. of 2
99. 9. 2	7	12.779		32.64		
98.7		12.632		32.71		
10973	9.5	2.4861	+0.0013	+10.513	+0.304	27°3643
97.10. 5	5	20 6 27.161		27 14 21.33		
98.10. 3	5	27.289		20.14		
99 9. 4	7	27.321		20.09		
98.7		27.257		20.52		
10978	9.5	2.4718	+0.0014	+10.526	+0.302	27°3645
97. 9.30	7	20 6 38.582		27 49 7.72		1 clock star
98 9. 3	7	38.435		6.63		
99. 9. 5	7	38.591		6.21		
99. 9. 9	7	38.610		6.97		
98.9		38.554		6.88		
10984	9.2	2.4551	+0.0014	+10.539	+0.300	28°3655
97. 8.25	7	20 6 49.176		28 29 7.21		
98. 8.31	7	49.139		8.60		
98. 9. 6	7	49.102		8.86		
98.3		49.139		8.22		
10987	9.5	2.4871	+0.0013	+10.552	+0.304	— —
97. 8 27	5	20 6 58.673		27 14 4.85		
98. 9. 8	5	58.406		5.09		
99. 9.14	7	58.842		5.81		
99. 9.20	5	58.847		5.73		
98 9		58.692		5.37		
10988	9.3	2.4139	+0.0016	+10.557	+0.295	30°3938
97.10. 7	7	20 7 2.851		30 4 48.80		
98.10. 8	7	2.774		48.00		
99.10. 5	7	2.851		47.59		
98.8		2.825		48.13		
10989	9.2	2.4629	+0.0014	+10.557	+0.300	28°3659
98. 9.22	3	20 7 3.115		28 11 40.28		
98. 9.23	2	3.154		39.23		
98.10. 1	5	3.055		38.26		
98.7		3.108		39.26		

10994	$9^{m}5$	$2^{s}4129$	$+0^{s}0016$	$+10''572$	$+0''294$	30°3941
98. 9 9	5	20^{h} $7^{m}15^{s}133$		30° $7'$ $50''60$		
99. 9.22	7	15.177		50.18		
99.10. 6	7	15.392		50.71		
99.4		15.234		50.50		
11002	9.5	2.5340	+0.0011	+10.597	+0.309	— —
97. 8.28	7	20 7 35.921		25 22 13.68		
99. 9.28	7	36.235		10.59		v. ft.
99. 9.30	7	36.251		11.62		
99.0		36.136		11.96		
11002^{a}	9.5	2 4382	+0.0015	+10.598	+0.297	29°3936
98 9.10	7	20 7 36.482		29 11 25.90		
98. 9.14	7	36.437		25.28		
99.10. 7	7	36.783		24.62		
99.10. 9	7	36.630		26.11		
99.2		36.583		25.48		
11007	9.5	2.4377	+0.0015	+10.616	+0.297	29°3941
97. 9. 9	4	20 7 50.970		29 13 22.53		
98.10.11	5	50.999		24.33		
99.10.10	7	51.148		24.10		
98.7		51.039		23.65		
11008	9.3	2.5393	+0.0011	+10.619	+0.310	25°4153
97. 8.31	7	20 7 53.285		25 10 12.44		
98. 9.15	7	53.298		13.34		
98. 9.16	5	53.283		12.54		
98.4		53.289		12.77		
11020	9.5	2.5448	+0.0011	+10.668	+0.309	24°4048
97. 9. 3	7	20 8 33.094		24 58 46.25		
98. 9.17	7	33.046		46.27		
98. 9.20	7	32.970		46.68		
98.4		33.037		46.40		
11021	9.4	2.5209	+0.0013	+10.669	+0.306	— —
97. 9. 6	2	20 8 33.368		25 57 56.04		
98. 8.20	7	33.523		55.69		
98. 9.26	5	33.519		56.44		
98.3		33.470		56.06		
11043	9.5	2.5241	+0.0013	+10 767	+0.306	— —
97. 8.11	7	20 9 52.851		25 55 9.27		
97. 9.21	7	52.651		10.76		
98. 9. 3	7	52.767		7.99		
98.0		52 756		9.34		
11064	9.2	2.4193	+0.0017	+10.832	+0.292	30°3968
97. 8.25	5	20 10 46.596		30 7 35.98		
97. 9.30	7	46.628		36.49		
98. 8.31	7	46.552		36.10		
98.0		46.592		36.19		
11066	9.2	2.4203	+0.0017	+10.840	+0.292	30°3970
97. 8.27	7	20 10 52.664		30 6 16.14		
97.10. 5	7	52.647		17.48		
98. 9. 6	7	52.486		16.96		
98.0		52.599		16.86		

11071 $9^m.2$ $2^s.5488$ $+0^s.0012$ $+10''.854$ $+0''.308$ 24°4072

97. 9.10	7	$20^h\,11^m\,4^s.124$	24° 57′ 59″.55	
97.10. 7	7	4.367	61.50	
98. 9. 8	7	4.023	60.74	
98 0		4.171	60.60	

11077 9.2 2.5444 +0.0012 +10.877 +0.307 25°4176

97. 8.28	7	20 11 22.909	25 10 12.46	
97.10.16	7	22.919	12.06	
98. 9. 9	7	22.878	12.39	
98.0		22.902	12.30	

11081 9.4 2.4217 +0.0017 +10.894 +0.292 30°3973

97. 8.31	7	20 11 36.530	30 5 38.60	
98. 9.10	7	36.426	39.72	
98. 9.14	7	36.392	39.02	
98.4		36.449	39.11	

11087 9.4 2.4764 +0.0015 +10.915 +0.298 27°3673

97. 9. 9	7	20 11 54.253	27 58 44.71	
98. 9.15	7	54.140	45.45	
98. 9.16	7	54.150	45.41	
98.4		54.181	45.19	

11091 Examined 97.9.3: star not found. See main catalogue

11108 9.4 2.4975 +0.0014 +10.987 +0.300 27°3679

97. 9. 6	7	20 12 52.427	27 11 48.96	
98. 8.20	7	52.729	48.57	
98. 9.17	7	52.673	49.88	
98.3		52.610	49.14	

11116 9 5 2.5141 +0.0014.+11.007 +0.302 26°3857

97. 9.21	5	20 13 9.219	26 32 19.05	
98. 9.20	7	9.282	19.00	
98. 9.22	6	9.291	21.08	f. of 2
98.4		9.264	19.71	

11123 9.3 2.5244 +0.0013 +11.046 +0.303 26°3860

97. 8.11	7	20 13 41.495	26 8 55.84	
97.10. 5	4	41.440	56.81	
98. 9. 3	7	41.517	55.59	
98.0		41.484	56.08	

11163 9.3 2.5506 +0.0012 +11.162 +0.304 25°4200

97. 8.25	7	20 15 16.720	25 9 23.18	
97. 9.30	7	16.617	24.30	
98. 8.31	7	16.650	23.03	
98.0		16.662	23.50	

11178 9.5 2.4549 +0.0017 +11.211 +0.292 29°3999

97. 8.21	5	20 15 57.546	29 6 54.49	
97.10.16	7	57.736	54.38	
98. 9. 6	2	57.664	54.42	
98.0		57.649	54.43	

11192 9.4 2.4975 +0.0015 +11.255 +0.297 27°3707

97. 8.27	7	20 16 33.482	27 26 58.37	
98. 8.20	7	33.472	57.66	
98. 9. 8	4	33.405	58.54	
98.3		33.453	58.19	

11198 $9^m.3$ $2^s.5182$ $+0^s.0015$ $+11''.279$ $+0''.299$ 26°3878

97. 8.28	7	$20^h\,16^m\,53^s.020$	26° 37′ 14″.07	
98. 9. 9	7	52.843	14.06	
98. 9.10	7	52.871	14.50	
98.3		52.911	14.21	

11198ᵃ 9.5 2.4520 +0.0018 +11.280 +0.290 29°4007

97. 9. 6	5	20 16 54.888	29 18 28.49	
98. 9.20	5	54.908	27.64	
98. 9.26	5	55.064	27.49	
98.4		54.953	27.87	

The Z.C. place of 11207 is 1 int. wrong: corrected reduction gives

88. 9.21	5	20 16 55.280	29 18 29.72	− 1 int.

11202 9.5 2.4714 +0.0017 +11.295 +0.293 — —

97. 8.31	7	20 17 6.436	28 32 25.46	
98. 9.14	7	6.537	27.31	
98. 9.15	7	6.559	26.89	
98.4		6.511	26.55	

11203 9.4 2.5391 +0.0014 +11.295 +0.301 25°4213

97. 9. 3	7	20 17 6.589	25 45 48.85	
98. 9.16	7	6.569	47.74	
98. 9.17	7	6.680	49.54	$+ 1^m$
98.4		6.613	48.71	

11206ᵃ 9.3 2.5562 +0.0013 +11.298 +0.303 — —

97. 9. 9	7	20 17 9.393	25 2 24.83	‖

Confirmed by Oxford photograph 03.9.25

11214 9.4 2.5570 +0.0013 +11.310 +0.303 24°4106

98. 9. 3	7	20 17 18.998	25 1 0.48	
98. 9.28	5	18.907	2.76	
99. 9.20	7	19.193	1.46	
99.10. 7	7	19.168	0.80	
99.10. 9	7	18.968	1.44	
99.10.10	7	19.088	0.69	
99.4		19.054	1.27	

11226 9.5 2.5109 +0.0015 +11.340 +0.297 26°3885

97. 9.10	7	20 17 44.170	26 58 42.29	
98. 9.21	7	44.278	41.87	
98.10.11	3	44.326	42.55	
98.4		44.258	42.24	

11234 9.3 2.4543 +0.0017 +11.372 +0.290 29°4018

97. 9.21	5	20 18 10.813	29 18 7.24	p. of 2
98. 9.22	7	11.181	8.79	
98.10.28	5	11.146	6.90	
98.4		11.047	7.64	

11236 9.2 2.4571 +0.0017 +11.374 +0.290 — —

97.10. 5	7	20 18 12.622	29 11 23.42	n. f. of 2
98. 9.23	7	12.415	23.56	n. of 2
98.11. 1	5	12.634	23.90	
98.4		12.557	23.63	

The s. p. star (the brighter in Oxford photographs) is 29°4017, the B.D. place being 2^s p. 1′ s. of 11236.

11238 $9^{m}3$ $2^{s}4384$ $+0^{s}0018$ $+11''381$ $+0''288$ 29°4020

97.10. 7	7	$20^{h}18^{m}18^{s}407$	29° 56′ 1″94	
98. 9.30	5	18.358	1.36	
98.11. 4	4	18.267	0.98	
98.11. 5	5	18.583	1.70	
98.5		18.404	1.50	

11240 9.3 2.5600 +0.0013 +11.389 +0.302 — —

97.10.21	5	20 18 24.849	24 57 42.69	
98.10. 1	5	25.001	41.04	
98.11. 7	5	25.032	41.76	
98.5		24.961	41.83	

11244 9.5 2.5430 +0.0014 +11.406 +0.300 — —

97.10.29	7	20 18 39.013	25 42 10.34	
98.10. 3	5	39.157	10.65	
99. 8.30	7	39.252	11.09	
98.7		39.141	10.69	

11246 9.5 2.5429 +0.0014 +11.420 +0.300 — —

97. 8.25	7	20 18 50.877	25 43 3.60	
98. 8.31	7	51.011	2.88	
99. 9. 2	7	51.179	3.34	
98.7		51.022	3.27	

11257 9.5 2.5217 +0.0015 +11.459 +0.297 26°3889

97. 9.30	7	20 19 23.050	26 38 51.47	1 clock star
98. 9. 6	4	22.905	52.18	
99. 9. 4	5	23.183	50.89	
99. 9. 5	3	23.144	50.48	
98.9		23.070	51.26	

11260 9.5 2.4917 +0.0017 +11.462 +0.293 — —

97.10.30	7	20 19 25 243	27 53 15.21	
98.10. 8	5	25.161	14.51	
99. 9. 9	3	25.376	15.04	
99. 9.14	7	25.487	15.69	
99.0		25.317	15.11	

11272 9.5 2.4883 +0.0017 +11.499 +0.292 — —

97. 8.21	5	20 19 56.802	28 3 46.76	f. of 2
98. 9. 8	7	56.673	47.19	
99. 9.22	7	56.905	47.33	
99. 9.26	7	56.987	46.76	
99. 9.28	7	56.969	46.64	
99.1		56.867	46.94	

11275 9.2 2.4978 +0.0017 +11.507 +0.293 27°3721

97.10.16	7	20 20 3.681	27 40 55.22	
98. 8.20	7	3.626	54.05	
98.10.11	5	3.496	54.30	
98.4		3.601	54.52	

11280 9.5 2.5047 +0.0016 +11.517 +0.294 27°3724

97. 8.27	7	20 20 11.685	27 24 30.79	
98. 9.20	7	11.771	32.09	
98. 9.26	4	11.682	31.40	w. 7 + 1^{s}
98.4		11.713	31.43	

11288 $9^{m}5$ $2^{s}4898$ $+0^{s}0017$ $+11''529$ $+0''292$ 27°3725

96. 9.30	7	$20^{h}20^{m}21^{s}725$	28° 1′ 52″80	several stars n.
96.10. 9	7	21.768	53.55	
96.10.21	7	21.679	54.03	
96.8		21.724	53.46	

11292 9.5 2.5271 +0.0016 +11.543 +0.296 26°3899

97. 8.28	7	20 20 33.598	26 30 1.32	
98. 9. 9	7	33.450	1.46	
98. 9.10	7	33.492	1.55	
98.3		33.513	1.44	

11295 9.5 2.5038 +0.0016 +11.549 +0.294 27°3728

97. 9. 6	7	20 20 38.067	27 28 37.95	
98. 9.14	7	38.030	36.80	
98. 9.15	7	38.094	36.47	
98.4		38.064	37.07	

11297 9.5 2.4882 +0.0017 +11.552 +0.292 — —

97. 8.31	5	20 20 40.883	28 7 19.79	
98. 9.16	7	41.049	18.39	
98. 9.17	7	41.275	21.13	
98.4		41.069	19.77	

11298 9.3 2.5138 +0.0016 +11.554 +0.295 27°3730

97. 9.10	5	20 20 42 717	27 4 7.16	

11301 No star in place : see main catalogue

11304 9.4 2.4867 +0.0017 +11.573 +0.291 28°3748

97. 8.11	5	20 20 59.111	28 12 18 56	

11306 9.5 2.5243 +0.0016 +11.581 +0.296 — —

97. 9. 9	7	20 21 4.977	26 39 17.54	
98. 9. 3	7	4.929	17.70	
98. 9.21	7	4.978	18.64	
98.4		4.961	17.96	

11308 Examined 97.9.10: star not found: 11298 was observed with note :—only star. See main catalogue

11314 9.4 2.4788 +0.0018 +11.607 +0 290 28°3752

98. 9.22	5	20 21 27.446	28 33 30.93	
99. 9. 9	4	27.513	29.46	
99. 9.30	7	27.834	29.97	
99.10. 5	7	27.627	28.97	
99.5		27.605	29.83	

11314 and 11322^{a} were observed in looking for 11322

11322 No star in place: see main catalogue

11322^{a} 9.5 2.4791 +0.0018 +11.626 +0.290 28°3755

97. 9.21	5	20 21 43.486	28 34 2.51	‖
98. 9.28	5	43.713	2.67	
98.2		43.600	2.59	

11325 9.1 2.4593 +0.0019 +11.640 +0.287 — —

97.10. 5	7	20 21 55.396	29 22 48.16	
98. 9.23	7	55.330	47.31	
98.11. 1	5	55.498	49.09	
98.4		55.408	48.19	

11327^{a} $9^{m}.4$ $2^{s}.4948$ $+0^{s}.0018$ $+11''.646$ $+0''.291$ 27°3736

97.10.20	3	$20^{h}22^{m}\ 0^{s}.742$	$27^{\circ}\ 36'\ 21''.60$	‖
98.10. 1	5	0.891	20.82	only star
98.11. 4	3	0.640	21.70	
98.11. 5	5	0.958	21.64	
98.6		0.808	21.44	

11328 9.1 2.4948 +0.0018 +11.647 +0.291 27°3737

97.10. 7	7	20 22 1.431	27 56 51.17	
98. 9.30	5	1.357	49.50	
98.11. 3	5	1.388	51.00	
98.4		1.392	50.56	

11329 No star in place: see main catalogue and 11327^{a} above

11330 9.4 2.5625 +0.0014 +11.651 +0.299 25°4244

97.10.21	5	20 22 4.375	25 5 52.78	
98.10. 3	5	4.384	51.92	
99. 9. 5	7	4.358	50.95	
98.7		4.372	51.88	

11336 9.2 2.4461 +0.0020 +11.689 +0.285 29°4040

97.10.16	4	20 22 36.340	29 57 29.13	
98.10. 8	5	36.176	28.55	
99. 8.30	7	36.394	28.94	
98.7		36.303	28.87	

11341 9.4 2.4412 +0.0020 +11.699 +0.284 30°4039

97. 8.25	7	20 22 45.261	30 9 40.95	
98. 8.31	7	45.446	39.31	
99. 9. 2	7	45.565	40.29	
98.7		45.424	40.18	

11348 9.5 2.5307 +0.0016 +11.711 +0.294 — —

97. 9.30	5	20 22 55.218	26 31 10.99	v. ft. 1 clock
97.10.30	7	55.215	9.18	[star
98. 9. 6	7	54.881	8.75	v. ft.
99. 9. 4	7	55.363	9.11	
98.5		55.169	9.51	

11367 9.3 2.5068 +0.0018 +11.771 +0.290 — —

97. 8.21	7	20 23 45.593	27 34 40.65	
98. 9. 8	7	45.371	40.84	
98. 8.20	7	45.581	41.21	
98.3		45.515	40.90	

11376 9.5 2.5606 +0.0015 +11.784 +0.297 — —

97. 8.27	5	20 23 56.791	25 18 41.41	
98. 9.16	5	56.915	41.60	
98. 9.17	3	57.294	42.95	
99.10. 6	7	57.178	42.46	
99.10. 9	7	57.107	41.75	
99.10.10	7	57.184	42.42	
99.1		57.078	42.10	

11381 9.2 2.5135 +0.0017 +11.791 +0.291 — —

97. 8.28	7	20 24 2.484	27 19 33.85	
98. 9. 9	5	2.308	33.91	
98. 9.10	7	2.459	34.20	
98.3		2.417	33.99	

11385 $9^{m}.2$ $2^{s}.5557$ $+0^{s}.0015$ $+11''.803$ $+0''.296$ 25°4256

98. 9.20	7	$20^{h}24^{m}13^{s}.006$	$25^{\circ}\ 32'\ 36''.49$	
98.10.11	5	12.970	35.11	
99. 9.20	6	13.065	35.33	
99. 9.26	5	12.986	35.94	
99. 9.28	7	13.213	36.46	
99.3		13.048	35.87	

11386^{a} 9.5 2.5553 +0.0015 +11.803 +0.296 — —

97. 9. 6	7	20 24 13.894	25 33 40.63	‖
98. 9.21	5	14.070	39.15	n. f. of 2
98.2		13.982	39.89	

11391 9.0 2.5200 +0.0017 +11.814 +0.292 — —

97. 8.31	7	20 24 22.691	27 4 35.84	
98. 9.14	7	22.640	35.86	
98. 9.15	7	22.718	35.83	
98.4		22.683	35.84	

11394 No star in place: see main catalogue

11401 9.3 2.5561 +0.0016 +11.824 +0.296 25°4261

97. 9. 3	7	20 24 30.060	25 32 51.51	brighter star
98. 9.26	5	30.055	52.71	[1 int. earlier
99. 9.22	7	30.146	51.24	
98.7		30.087	51.82	

11404 9.5 2.5711 +0.0015 +11.836 +0.297 24°4150

97. 9.10	7	20 24 40.290	24 54 21.95	
98. 9. 3	7	40.304	21.17	
99. 9. 9	7	40.277	21.47	
99. 9.14	7	40.524	23.21	
98.9		40.349	21.95	

11407 9.5 2.4471 +0.0020 +11.853 +0.283 30°4056

97.10.29	7	20 24 55.540	30 5 55.26	
98.11. 1	5	55.600	57.61	
98.11. 3	5	55.746	56.62	
98.5		55.629	56.50	

11409 9.5 2.4750 +0.0019 +11.860 +0.286 28°3774

97. 9.21	7	20 25 1.070	28 59 7.27	f. of 2
98. 9.22	7	1.278	9.09	
98. 9.23	5	1.283	6.70	
98.4		1.210	7.69	

11428 9.5 2.5427 +0.0016 +11.913 +0.293 26°3918

97.10. 5	5	20 25 46.052	26 12 54.75	
98. 9.28	5	46.226	55.24	s. f. of 2
98.10. 1	5	46.154	53.92	
98.4		46.144	54.64	

11430 9.2 2.4905 +0.0020 +11.920 +0.287 — —

97.10. 7	7	20 25 52.503	28 25 6.31	v. ft.
98. 9.30	5	52.553	3.13	
98.10. 3	5	52.687	2.97	
98.4		52.581	4.14	

$11437^{\rm a}$ $9^{\rm m}.4$ $2^{\rm s}.4912$ $+0^{\rm s}.0019$ $+11''.949$ $+0''.286$ 28°3783

97.10.19	7	$20^{\rm h}\,26^{\rm m}\,17^{\rm s}.745$	28° 25′ 17″.94	
98. 9. 6	5	17.584	16.15	
98.10. 8	7	17.825	15.56	
98.4		17.718	16.55	

The Z.C. place of 11437 is 1′ wrong: corrected reduction gives

75. 9.25	1	20 26 18.216	28 25 16 07	f. of 2: − 1′

11445 9.3 2.5373 +0.0017 +11.977 +0.292 — —

97. 8.25	7	20 26 40.701	26 30 46.63	
98. 8.31	7	40.750	46.65	
98.11. 5	7	40.830	47.78	
98.4		40.760	47.02	

11448 9.5 2.5132 +0.0018 +11.983 +0.288 — —

97. 9.30	7	20 26 45.801	27 32 32.05	v.ft. 1 clock
98.11. 7	7	46.079	32.19	v. ft. [star
99. 8.30	7	45.976	31.70	n. of 2
99. 9. 2	7	46.030	31.68	n. of 2: v. ft.
99.0		45.972	31.90	

11450 9.5 2.5087 +0.0019 +11.987 +0.288 27°3779

97.10.20	7	20 26 49.559	27 44 5.20	
98. 9.17	7	49.727	5.34	
98. 9.20	3	49.585	4.14	Microm.
99. 9.30	7	49.850	4.37	[doubtful $-1^{\rm s}$
99.10. 2	7	49.764	4.77	
99.10. 5	7	49.799	3.79	
99.1		49.714	4.60	

11452 9.4 2.5320 +0.0018 +12.012 +0.291 — —

97.10.21	7	20 27 10.977	26 46 42.62	
98. 9.15	4	11.020	43.31	
98. 9.16	7	10.883	42.84	
98.4		10.960	42.92	

11455 9.5 2.5469 +0.0017 +12.032 +0.292 26°3927

97. 8.21	7	20 27 27.786	26 9 32.49	
98. 8.20	7	27.832	32.34	
98. 9. 8	7	27.683	33.13	
98.3		27.767	32.65	

11459 9.0 2.4896 +0.0020 +12.045 +0.285 — —

97. 8.28	7	20 27 39.491	28 35 38.75	
98. 9. 9	7	39.392	39.35	
98. 9.10	7	39.449	39.44	
98.3		39.444	39.18	

11464 9.4 2.4935 +0.0019 +12.059 +0.285 28°3789

97. 8.27	5	20 27 51.091	28 26 49.95	n. of 3
97.10. 5	3	51.201	50.50	
98. 9. 3	5	51.068	50.72	
98.0		51.120	50.39	

11487 9.1 2.4672 +0.0022 +12.155 +0.281 — —

97. 8.31	7	20 29 13.401	29 38 28.39	
97. 9. 6	7	13.430	29.20	
98. 9.14	7	13.553	29.12	
98.0		13.461	28.90	

11501 $9^{\rm m}.3$ $2^{\rm s}.4730$ $+0^{\rm s}.0021$ $+12''.212$ $+0''.281$ — —

97. 9. 3	3	$20^{\rm h}\,30^{\rm m}\,2^{\rm s}.786$	29° 28′ 6″.21	ex. ft.
97. 9.10	4	2.357	8.71	too ft.
98. 9. 6	7	2.242	6.93	too ft.
99. 9. 9	7	2.900	5.83	ex. ft.
99. 9.14	5	2.826	6.58	
98.7		2.622	6.85	

11530 9.5 2.5130 +0.0020 +12.325 +0.283 — —

97. 8.21	7	20 31 41.223	27 56 6.91	
97. 9.21	7	40.883	8.69	
98. 8.20	7	40.988	8.60	
98.0		41.031	8.07	

$11535^{\rm a}$ 9.5 2.4609 +0.0023 +12.333 +0.278 — —

97.10.20	5	20 31 47.891	30 6 32.48	‖ p.of 2: v.ft.

Confirmed by Oxford photograph 00.8.22

11540 9.5 2.4614 +0.0023 +12.348 +0.278 30°4101

97. 8.27	5	20 32 0.546	30 6 20.27	
97.10.21	7	0.481	20.26	
98. 9.15	7	0.718	20.51	
98.1		0.582	20.35	

$11549^{\rm a}$ 9.4 2.5830 +0.0017 +12.390 +0.290 — —

97.10.29	7	20 32 38.102	24 57 22.61	‖

Confirmed by Oxford photograph 93.8.12

11550 9.4 2.5827 +0.0017 +12.391 +0.290 24°4201

97. 8.28	7	20 32 38.775	24 58 25.73	n. of 2
97. 9 9	7	38.689	24.29	
98. 9. 3	7	38.681	24.48	
98.0		38.715	24.83	

The B.D. α is $6^{\rm s}$ greater

11557 9.2 2.5119 +0.0021 +12.414 +0.282 28°3821

97. 9. 6	7	20 32 57.876	28 5 20.35	
97.10.19	7	58.154	19.62	
98. 9. 8	7	57.830	19.86	
98.1		57.953	19.94	

11561 9.3 2.5687 +0.0018 +12.419 +0.289 — —

97. 8.31	7	20 33 2.797	25 37 37.82	
97.10.30	7	3.004	38.39	
98. 9. 9	7	2.883	37.87	
98.1		2.895	38.03	

11582 9.4 2.5291 +0.0020 +12.502 +0.283 — —

97. 9. 3	7	20 34 15.682	27 27 24.54	
98. 8.31	7	15.634	23.85	
98. 9. 6	7	15.684	24.49	
98.3		15.667	24.29	

11583 9.4 2.5516 +0.0019 +12.502 +0.285 26°3948

97. 9.10	7	20 34 15.961	26 28 36.64	
98. 9.10	7	16.023	36.96	
98. 9.14	7	16.051	37.56	bright
98.4		16.012	37.05	

11591 $9^{m}.5$ $2^{s}.5353$ $+0^{s}.0020$ $+12''.533$ $+0''.283$ — —

97.10. 5	5	$20^{h}34^{m}43^{s}.063$	$27^{\circ} 13' 33''.94$	too ft.
98. 9.16	7	42.838	35.36	v. ft.
98. 9.21	7	42.849	35.42	v. ft.
98.4		42.917	34.91	

11595 9.5 2.5687 +0.0019 +12.538 +0.287 $25^{\circ}4319$

97.10. 7	7	20 34 47.258	25 45 50.52	
98. 9.17	7	47.267	49.25	
98. 9.22	7	47.270	50.00	
98.4		47.265	49.92	

11599 9.5 2.5571 +0.0019 +12.545 +0.285 — —

97. 9.21	5	20 34 52.960	26 16 56.61	
98. 9.20	7	53.030	58.12	
98. 9.23	7	52.862	56.29	
98.4		52.951	57.01	

11606 9.5 2.5041 +0.0022 +12.572 +0.279 — —

97. 8.21	7	20 35 16.549	28 36 30.24	
98. 8.20	7	16.562	31.01	
98. 9.26	5	16.400	32.07	
98.3		16.504	31.11	

11621^{a} 9.5 2.4825 +0.0024 +12.625 +0.276 — —

98. 8.27	7	20 36 3.730	29 35 7.35	‖

Confirmed by Oxford photograph 00.8.22

11624 9.3 2.4783 +0.0024 +12.627 +0.275 — —

98. 9.15	7	20 36 6.080	29 45 41.56	
98. 9.28	5	6.181	42.49	
98. 9.30	5	6.103	40.50	
98.7		6.121	41.52	

11625^{a} 9.5 2.4784 +0.0024 +12.635 +0.275 $29^{\circ}4136$

97. 8.28	7	20 36 13.124	29 46 11.39	‖
97.10.20	7	13.184	11.73	
97.7		13.154	11.56	

11626 9.3 2.4832 +0.0024 +12.639 +0.276 $29^{\circ}4137$

97. 9. 9	7	20 36 15.762	29 34 22.24	
98. 9. 3	7	15.828	22.60	
98. 9. 9	5	15.796	22.29	
98.3		15.795	22.38	

11635 9.0 2.5450 +0.0021 +12.664 +0.282 $26^{\circ}3962$

97. 8.31	7	20 36 38.300	26 57 29.05	
97.10.29	7	38.373	27.91	
98. 9. 8	7	38.070	29.43	
98.1		38.248	28.80	

11642 9.3 2.5755 +0.0019 +12.698 +0.285 — —

97. 9. 6	7	20 37 8.913	25 38 40.23	
97.10.19	7	8.998	39.56	
98.10. 1	5	9.008	38.49	
98.1		8.973	39.43	

11645 $9^{m}.5$ $2^{s}.5299$ $+0^{s}.0022$ $+12''.702$ $+0''.280$ — —

97. 9.30	7	$20^{h}37^{m}11^{s}.575$	$27^{\circ} 39' 59''.26$	1 clock star
97.10.30	7	11.847	59.88	
98.10. 3	5	11.706	59.56	
99. 9. 4	7	11.836	59.27	
98.5		11.741	59.49	

11647 9.5 2.5202 +0.0022 +12.705 +0.279 — —

98.10. 8	5	20 37 14.281	28 5 13.10	p. of 3
98.10.11	7	13.900	13.91	
98.10. 3	7	14.304	12.22	
98.11. 1	5	14.219	14.06	
98.8		14.176	13.32	

11650^{a} 9.4 2.5199 +0.0023 +12 713 +0.279 — —

97.10.16	6	20 37 21.803	28 6 45.04	‖

Confirmed by Oxford photograph 98.10 3. In the original observation a diagram is given of 3 stars, 11647, 11650^{a} and another, probably B.D. $+28^{\circ}3859$, nearly s. of 11650^{a}

11656 9.5 2.5731 +0.0020 +12.749 +0.284 $25^{\circ}4346$

97. 9. 3	7	20 37 53.366	25 48 49.58	
98. 8.31	7	53.334	48.23	
98. 9. 6	7	53.234	49.85	
98.3		53.311	49.22	

11669 9.4 2.5095 +0.0024 +12.806 +0.276 $28^{\circ}3866$

97. 9.10	7	20 38 44.347	28 40 42.94	
98. 9.10	7	44.450	43.03	
98. 9.14	7	44.506	43.26	
98.4		44.434	43.08	

11672 9.3 2.5103 +0.0024 +12.813 +0.276 $28^{\circ}3870$

97. 8.21	7	20 38 51.188	28 39 9.06	
98. 8.20	7	51.325	9.49	
98. 9.16	7	51.302	7.89	
98.3		51.272	8.81	

11676 9.4 2.4926 +0.0025 +12.837 +0.274 $29^{\circ}4155$

97. 9.21	7	20 39 11.578	29 26 16.05	
98. 9.17	7	11.800	15.99	
98. 9.20	7	11.737	16.36	
98.4		11.705	16.13	

11683 9.3 2.5780 +0.0020 +12.847 +0.284 $25^{\circ}4359$

97.10. 5	7	20 39 20.003	25 42 26.10	
98. 9 21	7	19 973	25.62	
98. 9.22	7	19.916	27.34	
98.4		19.964	26.35	

11684 9.5 2.5330 +0.0022 +12.848 +0.279 — —

97.10. 7	5	20 39 22.089	27 42 55.57	v.ft.
98. 9.23	2	22.248	49.16	
98. 9.26	5	22.013	52.90	
98 4		22.117	52.54	

11689 9.4 2.4748 +0.0026 +12.855 +0.271 — —

97.10.21	7	20 39 28.075	30 12 42.15	
98. 9.15	7	28.215	42.17	
98. 9 28	5	28.238	43.67	
98.4		28.176	42.66	

11691 $9^m.5$ $2^s.4972$ $+0^s.0025$ +12″.858 +0″.274 — —

97. 9. 9	5	$20^h39^m30^s.433$	29° 16′ 9″.91	
98. 8.27	5	30.683	10.17	
98. 9. 9	5	30.663	11.22	
98.3		30.593	10.43	

11711 9.5 2.5860 +0.0019 +12.907 +0.283 25°4365

97.10.20	7	20 40 14.867	25 25 1.47	
98. 9. 3	7	14.888	1.91	
98. 9. 8	7	14.660	3.58	
98.4		14.805	2.32	

11713 9.2 2.5795 +0.0020 +12.913 +0.283 — —

97.10.19	4	20 40 19.758	25 43 13.00	
97 10 29	7	20.078	11.25	
98. 9 30	5	19.815	11.65	
98.1		19.884	11.97	

11721 9.3 2.5425 +0.0023 +12.947 +0.278 27°3859

97. 9. 6	5	20 40 50.596	27 25 23.62	
97.10.30	7	50.640	22.20	
98.10. 1	5	50 741	20.56	
98.1		50.659	22.13	

11739 9.3 2.5569 +0.0023 +13.004 +0.278 26°3987

97. 9. 3	7	20 41 41.360	26 51 29.75	
98. 8.31	7	41.228	30.32	
98. 9. 6	7	41.243	30.14	
98.3		41.277	30.07	

11743 9.2 2.5817 +0.0020 +13.027 +0.280 — —

97. 9.30	7	20 42 2.029	25 45 37.93	v.ft.: 1 clock
98. 9.16	5	2.040	36.66	[star
98.10. 3	3	2.119	37.78	
99. 9. 4	7	2.473	37.63	
98.7		2.165	37.50	

11744 9.5 2 5838 +0.0020 +13.030 +0.281 — —

97.10.16	6	20 42 4.455	25 40 14.93	too ft.
98. 9.10	5	4.484	14.86	
98. 9.14	5	4.453	14.73	n. p. of 2
98.4		4.464	14.84	

11756 9.5 2.5643 +0.0022 +13.064 +0.278 — —

97. 8.21	7	20 42 35.408	26 36 8.17	
98. 8.20	7	35.335	8.63	
98.10. 8	7	35.285	7.89	
98.3		35.343	8.23	

11760 9.3 2.5530 +0.0023 +13.076 +0.277 — —

97.10. 5	5	20 42 46.245	27 7 36.74	
98. 9.17	7	46.329	37.42	
98. 9.20	7	46.221	37.03	
98.4		46.265	37.06	

11763 9.5 2 5801 +0.0021 +13.078 +0.279 25°4377

97. 9.21	6	20 42 48.505	25 53 55.44	
98. 9.21	7	48.633	55.61	
98. 9.22	7	48.490	56.73	
98.4		48.543	55.93	

11764 $9^m.3$ $2^s.5506$ $+0^s.0023$ +13″.079 +0″.276 27°3870

97. 9. 18	7	$20^h42^m49^s.342$	27° 14′ 9″.23	
98. 9.15	7	49.421	7.87	
98. 9.23	5	49.363	6.36	
98.4		49.375	7.82	

11774a 9.5 2.5053 +0.0026 +13.099 +0.271 — —

98. 9.28	2	20 43 7.794	29 15 1.15	

Confirmed by Oxford photograph 00 8.22

11775 9.3 2.5969 +0.0020 +13.102 +0.281 25°4381

97. 9. 9	5	20 43 9.719	25 9 32.34	
98. 8.27	7	9.906	33.43	
98 9. 9	7	9.753	34.24	
98.3		9.793	33.34	

11781a 9.5 2.5075 +0.0026 +13.123 +0 271 29°4189

98. 9.26	3	20 43 29.352	29 11 21.92	‖

Confirmed by Oxford photograph 00. 8.22

11783 Examined 98.9.26 and 98.9.28: no star in place: see main catalogue

11786 9.4 2.5759 +0.0022 +13.130 +0.278 26°4000

97.10.21	7	20 43 35.182	26 9 35.23	
98. 9.30	5	35.273	32.69	
98.10.13	7	35.177	34.27	
98.4		35.211	34.06	

11795 9.4 2.5780 +0.0022 +13.149 +0.278 26°4002

97.10 29	7	20 43 52 874	26 5 9.99	
98. 9. 8	5	52 673	11.53	
98.11. 1	5	52.822	12.62	
98.4		52.790	11.38	

11799 9.3 2.5404 +0.0025 +13.163 +0.274 — —

97 10.19	7	20 44 5.165	27 48 16.28	
98. 9. 3	7	5.296	15.86	
98.11. 3	4	5.203	17.66	
98.4		5.221	16.60	

11800 9.5 2.5560 +0.0023 +13.165 +0.276 — —

97.10.20	5	20 44 6.670	27 6 10.95	
98.10. 1	5	6.689	11.65	
98.11. 5	5	6.730	12.74	
98.5		6.696	11.78	

11804 9.5 2.5316 +0.0025 +13.168 +0.273 28°3895

97. 9. 6	5	20 44 9.767	28 12 1.94	
98.10. 3	4	9.800	0.51	
98.11. 7	5	9.869	0.97	
98.4		9.812	1.14	

11827 9.5 2.5820 +0.0022 +13.244 +0.277 — —

97. 9. 3	6	20 45 19.904	26 1 52.32	
98. 8.31	7	19.873	52.37	
98. 9. 6	7	19.799	53.58	
98.3		19.859	52.76	

11832 $9^{m}4$ $2^{s}5086$ $+0^{s}0027$ $+13''266$ $+0''269$ 29°4205

97. 9.30	5	$20^{h}45^{m}39^{s}044$	$29°20'39''46$	1 clock star
98. 9.10	5	39.128	39.48	
98. 9.14	2	39.038	39.50	
99. 9. 2	7	39.193	39.90	
98.7		39.101	39.58	

11833 9.5 2.5562 +0.0024 +13.266 +0.274 — —

97. 9.10	7	20 45 39.724	27 14 10.93	
98. 9.16	7	39.973	11.51	
98. 9 22	4	39.716	13.45	
98.4		39.804	11.96	

11846^{a} 9.5 2.5944 +0.0022 +13.307 +0.277 — —

97. 8.21	7	20 46 17.186	25 32 1.67	
98. 9.17	5	17.218	2.31	
98. 9.20	7	17.152	1.62	
98.4		17.185	1.87	

The Z.C. place of 11846 is 1′ wrong: corrected reduction gives

90. 9.29	7	20 46 17.440	25 32 1.49	−1′

11849 9.0 2.5826 +0.0023 +13.319 +0.275 — —

97. 9.18	6	20 46 27.725	26 5 60.04	
98. 8.20	7	27.848	59.66	
98. 9.21	7	27.824	59.40	
98.4		27.799	59.70	

11856 9.5 2.5940 +0.0022 +13.342 +0.276 — —

97. 9 21	7	20 46 49.228	25 36 4.17	
98. 8.27	7	49.302	2.98	
98. 9. 9	7	49.388	2.57	
98.4		49.306	3.24	

11859^{a} 9.5 2.5951 +0.0022 +13.353 +0.276 25°4400

98 9.15	5	20 46 59 433	25 33 53.06	‖

Confirmed by Oxford photograph 93.8.15

11871 9.3 2.5516 +0.0026 +13.408 +0.271 27°3901

97.10. 5	7	20 47 49.992	27 38 20.66	
97.10.21	7	50.065	20.75	
98. 9. 8	7	49.796	21.21	
98.1		49.951	20.87	

11872 9.2 2.6017 +0.0022 +13.409 +0.276 25°4404

97.10. 7	7	20 47 50.648	25 19 47.49	
97.10.29	7	50.649	46.28	
98. 9.23	7	50.506	45.47	
98.1		50.601	46.41	

11874 9.2 2.5729 +0.0024 +13.416 +0.273 26°4021

97 10.16	7	20 47 57.085	26 40 56.71	
97.10.30	5	57.107	56.57	
98. 9.26	5	56.906	58.00	
98.1		57.033	57.09	

11877 9.5 2.5872 +0.0023 +13.426 +0.275 25°4406

97. 9. 6	7	20 48 6.137	26 1 51.84	
98. 9.28	5	6.245	52.77	
98. 9.30	5	6.145	50.36	
98.4		6.176	51.66	

11884 $9^{m}2$ $2^{s}6130$ $+0^{s}0021$ $+13''444$ $+0''277$ 24°4267

97.10.19	7	$20^{h}48^{m}22^{s}751$	$24°50'33''75$	
98. 9.22	4	22.775	34.96	
98.10. 1	5	22.856	33.22	
98.4		22.794	33.98	

11886 9.5 2.4981 +0.0029 +13.462 +0.264 30°4220

97. 9.30	1	20 48 38.950	30 5 18.16	clds.: 1
98. 9. 6	5	38.845	23.35	[clock star
98. 9.16	5	38.979	21.12	
98.11. 1	5	39.056	22.67	v. ft.
98.5		38.958	21.32	

11902 9.5 2.5167 +0.0029 +13.511 +0.266 29°4230

97. 9. 3	7	20 49 25.516	29 20 53.84	
98. 9.10	7	25.603	54.12	
98. 9.14	7	25.523	54.40	
98.4		25.547	54.12	

11907 9.3 2.5280 +0.0029 +13.547 +0.266 28°3927

97. 9.10	7	20 49 59.361	28 54 26.44	
98. 8.20	7	59.333	28.69	
98. 9.15	5	59.352	27.90	
98.3		59.349	27.68	

11920 9.5 2.5648 +0.0027 +13.602 +0.269 27°3926

97. 9.18	7	20 50 48.961	27 19 14.72	f. of 2
97. 9.21	7	48.847	13.94	
98. 8.27	7	49.064	11.92	f. of 2
98.0		48.957	13.53	

11928 9.2 2.5071 +0.0030 +13.629 +0.262 — —

97.10. 5	5	20 51 14.286	29 56 57.02	
98. 9. 9	5	14.399	57.05	
98. 9.17	7	14.654	57.49	
99. 9 9	7	14.675	55 42	ft.
99. 9.14	7	14.626	57.46	
98.9		14.528	56.89	

11929 9.3 2.5121 +0.0030 +13.632 +0.263 29°4241

97.10. 7	5	20 51 18.210	29 44 8.55	
98. 9.20	7	18.058	9.04	
98. 9.21	7	18.176	7.77	
98.4		18.148	8.45	

11930 9.1 2.5214 +0.0030 +13.634 +0.264 29°4242

97.10.20	7	20 51 19.305	29 19 49.33	
98. 9. 8	5	19.112	51.62	
98.10. 3	7	19.244	50.23	
98.4		19.220	50.39	

11931 9.3 2.5108 +0.0030 +13.638 +0.262 29°4243

97.10.21	7	20 51 23.082	29 48 19.11	
98. 9.23	5	23.100	17.58	
98.10. 8	7	23.245	18.58	
98.4		23.142	18.42	

11935 9^{m}3 2^{s}6004 +0^{s}0024 +13″655 +0″272 25°4420

97. 9. 6	7	20^{h}51^{m}38^{s}949	25°43′42″03	
98. 9.26	5	38.849	40.68	
98. 9.30	5	38.938	40.42	
98.4		38.912	41.04	

11947^{a} 9.5 2.5922 +0.0025 +13.699 +0.270 — —

97.10.29	5	20 52 20.506	26 10 55.78	||
97.10.30	5	20.707	55.68	f. of 2
98. 9.28	5	20.704	58.30	v. ft.: bad
98.1		20.639	56.59	

11950 9.5 2.5097 +0.0031 +13.701 +0.261 — —

97.10.16	3	20 52 22.051	29 57 7.29	too ft.
98. 9.16	7	22.113	9.48	
98.10. 1	5	22.117	7.87	
98.4		22.094	8.21	

11951 9.2 2.5153 +0.0031 +13.702 +0.262 29°4250

97.10.19	7	20 52 22.840	29 42 25.66	
98. 9. 6	7	23.101	25.76	
98.10.11	7	22.947	25.08	
98.4		22.963	25.50	

11952 No star in place: see main catalogue

11957 9.5 2.5933 +0.0025 +13.725 +0.270 26°4043

97. 9. 3	5	20 52 45.534	26 10 8.28	
98. 9.22	7	45.346	10.09	
98.11. 1	5	45.344	9.55	
98.4		45.408	9.31	

11960 9.4 2.5864 +0.0026 +13.733 +0.269 — —

98. 9.10	7	20 52 52.642	26 30 20.77	
98. 9.14	7	52.790	21.43	
98.11. 5	7	52.745	20.56	
98.7		52.726	20.92	

11985 9.5 2.5658 +0.0028 +13.822 +0.265 — —

97. 8.21	5	20 54 16.237	27 36 5.03	
98. 8.20	7	16 236	7.37	
98. 9. 9	4	16.311	5.91	
98.3		16.261	6.10	

11994 9.5 2.5698 +0.0028 +13.876 +0.265 27°3940

97. 9.10	7	20 55 7.011	27 29 48.74	
97. 9.21	7	6.938	51.01	
98. 8.27	7	7.318	49.56	
98.0		7.089	49.77	

11996 9.5 2.5592 +0.0029 +13.879 +0.264 — —

97. 9.18	5	20 55 10.511	27 59 52.59	
97.10.21	7	10.735	53.84	
98. 9. 8	7	10.436	55.12	v. ft.
98.1		10.561	53.85	

12004 9.5 2.5692 +0.0029 +13.914 +0.264 27°3942

97. 9. 6	7	20 55 43.926	27 35 0.37	
98. 9.15	7	43.870	0.90	
98. 9.16	5	43.897	0.39	
98.0		43.898	0.55	

12006 9^{m}5 2^{s}5554 +0^{s}0030 +13″925 +0″262 — —

97.10. 5	7	20^{h}55^{m}54^{s}457	28°14′36″63	
98. 9.17	7	54.644	38.32	
98. 9.20	7	54.557	38.13	
98.4		54.553	37.69	

12007 9.5 2.6049 +0.0026 +13.927 +0.267 25°4436

97.10. 7	7	20 55 56.000	25 54 44.29	
97.11.19	7	55.914	43.00	
98. 9. 6	7	55.946	43.24	ill-defined
98.1		55.953	43.51	

12016 9.5 2.5907 +0.0028 +13.958 +0.265 — —

97. 9. 3	7	20 56 25.394	26 38 17.78	
97.10.30	7	25.533	18.77	
98. 9.10	5	25.442	18.44	
98.1		25.456	18.33	

12026 9.5 2.6170 +0.0026 +13.985 +0.267 25°4441

97. 8.28	7	20 56 51.592	25 24 45.48	
98. 9. 3	7	51.516	45.48	
98. 9.14	7	51.569	46.72	
98.3		51.559	45.89	

12033 9.5 2.6008 +0.0027 +14.003 +0.265 26°4056

97.10.16	7	20 57 9.190	26 13 30.47	
98. 9.21	7	9.077	31.12	
98. 9.22	7	9.091	31.97	
98.4		9.119	31.19	

12036 Examined 97.10.19: star not found. See main catalogue

12047 Examined 97.10.20: star not found. See main catalogue

12055 9.5 2.5539 +0.0032 +14.058 +0.259 — —

97. 8 21	7	20 58 1.342	28 31 47.00	
98. 8.20	7	1.347	47.39	
98. 9. 9	7	1.265	47.54	
98.3		1.318	47.31	

12065 9.5 2.5778 +0.0030 +14.080 +0.262 — —

97.10.29	7	20 58 21.913	27 26 38.77	
98. 9.23	7	22.030	38.71	
98. 9.26	3	22.155	41.25	
98.4		22.033	39.58	

12070 9.4 2.5628 +0.0031 +14.098 +0.260 28°3976

97. 9.10	5	20 58 40.044	28 10 58.13	c. d. s. p.
97. 9.21	7	40.176	59.48	? d. s.
98. 8.27	5	40.280	57.78	
98.0		40.167	58.46	

12076 9.0 2.5876 +0.0029 +14.112 +0.262 — —

97. 9.18	7	20 58 53.621	27 1 60.89	
98. 9. 8	7	53.300	59.66	
98. 9.28	3	53.802	59.59	
99. 9. 9	7	53.697	58.92	clds.
99. 9.14	3	53.744	59.92	
98.9		53 633	59.80	

12081 $9^{m}.4$ $2^{s}.5561$ $+0^{s}.0032$ $+14''.131$ $+0''.259$ $28^{\circ}3979$

97.10.21	7	$20^{h}59^{m}12^{s}.291$	$28^{\circ}32'54''.63$	
98. 9.15	5	12.271	54.64	
98. 9.16	7	12.202	54.67	
98.4		12.255	54.65	

12086 9.5 2.6161 +0.0027 +14.141 +0.264 — —

97.11.19	7	20 59 21.308	25 41 41.53	
98. 9.17	5	21.453	42.05	
99. 8.30	7	21.493	40.95	
98.8		21.418	41.51	

12088 9.1 2.5356 +0.0034 +14.155 +0.256 $29^{\circ}4300$

97.10. 7	7	20 59 35.204	29 32 19.05	
98. 9. 6	7	35.189	17.30	ill-defined
99 9 2	7	35.292	18.60	
98.7		35.228	18.32	

12096 9.5 2.6004 +0.0029 +14.175 +0.262 $26^{\circ}4069$

97.10 30	6	20 59 54.380	26 30 57.09	
98. 9.10	7	54.271	56.93	
99. 9. 4	7	54 356	57.05	
98.7		54.336	57.02	

12097 9.4 2.6045 +0.0029 +14.175 +0.262 $26^{\circ}4068$

97.10. 5	7	20 59 54.752	26 18 41.28	
98. 9.20	7	54.802	42.05	
99. 9. 5	7	54.771	41.84	
98.7		54.775	41.72	

12098^{a} 9.3 2.5820 +0.0031 +14.176 +0.260 — —

99. 9.20	5	20 59 55.864	27 24 2.29	‖ v. ft.

Confirmed by Oxford photograph 92.9.15

12100 Examined 4 times: no star in place. See main catalogue

12101 9.5 2.5700 +0 0032 +14 184 +0.259 — —

97. 9. 6	7	21 0 2 660	27 59 12.06	
98 10. 1	5	2.523	10.34	
99.10. 5	7	2.883	10.05	
98.7		2.689	10.82	

12102^{a} 9.5 2.5823 +0.0031 +14.190 +0.260 $27^{\circ}3966$

97. 9. 3	7	21 0 9.591	27 24 40.69	‖
98. 9.30	5	9.258	40.08	
99.10. 2	7	9.631	42.11	n.p. of 2
98.7		9.493	40.96	

12109 9.5 2.5470 +0.0033 +14.200 +0.257 $29^{\circ}4305$

98.10. 3	5	21 0 18.617	29 5 14.44	
98.11. 3	3	18.853	15.01	
99 10. 6	7	18.796	14.79	
99.1		18.755	14.75	

12110 9.4 2.5275 +0.0035 +14.202 +0.254 $29^{\circ}4306$

98. 9.21	5	21 0 21.201	29 59 25.60	
98. 9 22	5	21.208	27.38	
99.10. 7	7	21.128	24.51	
99.1		21.179	25.83	

12111 $9^{m}.4$ $2^{s}.5597$ $+0^{s}.0033$ $+14''.208$ $+0''.258$ — —

98 9 3	7	$21^{h}\ 0^{m}26^{s}.169$	$28^{\circ}30'47''.10$	
98. 9.14	7	26.326	47.61	
99 10. 9	7	26.337	48.43	
99.0		26.277	47.71	

12123 9 3 2.5437 +0.0035 +14.244 +0.255 $29^{\circ}4312$

97.10 19	7	21 1 1.451	29 18 56.81	n. f. of 2
98.11. 4	5	1.491	55.92	
98.11. 5	5	1.568	57.09	
98.5		1.503	56.61	

12125 9.4 2 6048 +0.0029 +14.246 +0.261 $26^{\circ}4074$

97.10.16	6	21 1 3.157	26 25 7.65	
98.11.11	5	3.111	9.29	
98.11.16	5	3.257	8.26	
98.5		3.175	8.40	

12127 9.5 2.5497 +0.0034 +14.249 +0.256 — —

98 10. 8	5	21 1 6.180	29 2 58.70	v. ft.
99. 9.28	7	6.387	58.38	
99. 9.30	7	6.343	57.85	v. ft.
99.4		6.303	58.31	

12134 Examined 97.10.20: star not found

12138^{a} 9.5 2.5753 +0.0033 +14.280 +0.258 — —

98. 9.26	5	21 1 36.561	27 53 50.76	
98. 9.28	5	36.728	52.34	
99.10.10	7	36.892	51.55	
99.1		36.727	51.55	

The Z.C. place of 12138 is 1′ wrong: corrected reduction gives

73. 9.23	3	21 1 37.249	27 53 50.86	−1′

12140 9.5 2.6139 +0.0029 +14.284 +0.261 — —

98.10.18	5	21 1 40.571	26 1 53.90	
98.11. 1	5	40.356	53.63	
99.10.11	7	40.910	54.32	
99.1		40.612	53.95	

12142 9.4 2.5621 +0.0033 +14.285 +0.256 — —

98. 9. 9	7	21 1 41.762	28 31 57.51	
99. 9.22	7	41.980	57.06	
99.2		41.871	57.28	

12143 9.4 2.6111 +0.0029 +14.287 +0.261 $26^{\circ}4077$

97. 8.28	7	21 1 43.377	26 10 30.94	
99. 9.14	7	43.440	31.16	
98.7		43.408	31.05	

12149 9.5 2.5825 +0.0032 +14.310 +0.258 $27^{\circ}3979$

97.10.29	7	21 2 6.239	27 36 9.70	
98. 9.23	7	6.029	9.07	
98.11. 3	3	6.226	11.96	-10^{s}
98.5		6.165	10.24	

12152 $9^{m}5$ $2^{s}5818$ $+0^{s}0032$ $+14''314$ $+0''258$ 27°3980

97. 9 21	5	$21^h\ 2^m\ 9^{s}213$	27° 38′ $39''10$
98. 9.15	5	9 364	38.83
98. 9.16	5	9.470	37.73
98 4		9.349	38.55

12160 9.2 2.5582 +0.0034 +14.330 +0.255 28°3994

97. 9.18	4	21 2 25.752	28 47 44.80
98. 8.27	7	25.765	41.75
98. 9. 8	7	25.666	43.01
98.3		25.728	43.19

Two stars of equal declination n. p.

12177 9.3 2.6130 +0.0030 +14.395 +0.259 26°4085

97.10. 7	7	21 3 28.945	26 15 40.84
98. 9.10	7	28.899	40.13
98. 9.17	7	29.051	41.93
98.4		28.965	40.97

12186 9.2 2.5621 +0.0035 +14.419 +0.254 28°4004

97.10 21	7	21 3 52.869	28 46 11.59
98. 9.14	7	52.967	12.45
98. 9 20	7	52.857	12.76
98.4		52.898	12.27

12193 9.5 2.5724 +0.0035 +14.447 +0.254 28°4006

97.11.19	7	21 4 20.905	28 19 42.43
98. 9.30	5	20.817	42.01
98 10. 1	5	20.839	42.08
98.5		20.854	42.17

12195 9.5 2.6023 +0.0032 +14.452 +0.257 26°4090

98. 9.21	7	21 4 25.398	26 52 56.90
98. 9.22	7	25.382	57.63
98.10. 3	5	25.444	55.17
98.7		25.408	56.57

12201 9.5 2.5842 +0.0034 +14.464 +0.255 27°3988

97.10.16	5	21 4 37.499	27 47 28.35
98.10 8	5	37.545	27.96
98 11. 4	5	37.644	27.81
98 11. 5	5	37.762	28.44
98.6		37.612	28.14

12202 9.5 2 5369 +0.0038 +14.465 +0.250 29°4333

98. 9.26	4	21 4 38.040	30 2 11.86
98. 9.28	5	38.222	9.92
98.11.16	5	38.228	10.72
98.8		38.163	10.83

12206 9.4 2 5949 +0.0033 +14.480 +0.256 27°3990

97.10 19	4	21 4 52.847	27 17 40.82
98 11. 1	5	52.973	39.04
98.11.18	5	52.910	39.50
98.5		52.910	39.79

12209 $9^{m}4$ $2^{s}5964$ $+0^{s}0032$ $+14''486$ $+0''256$ — —

97.10.20	7	$21^h\ 4^m58^{s}907$	27° 14′ $7''39$
98.10.13	5	58.902	6.87
98.10.18	5	58.832	5.10
98.5		58.880	6.45

12210 9.4 2.5816 +0.0034 +14.493 +0.254 27°3991

97. 9. 6	5	21 5 5.771	27 57 61.10
98. 9.23	5	5.896	59.83
99. 8.30	7	5.999	60.87
98 7		5.889	60.60

12233 9.5 2.6252 +0.0031 +14.571 +0.257 — —

97. 9.18	7	21 6 23.778	25 57 12.11
98 9.15	7	23.884	12.41
98. 9.16	7	23.793	11.75
98.4		23.818	12.09

12241 9.4 2.5993 +0.0034 +14.585 +0.254 27°4000

97.10.29	7	21 6 38.220	27 16 3.83
98.11. 3	5	38.324	5.35
99 9. 2	5	38.210	4.06
98.8		38.251	4.41

12245 9.5 2.6467 +0.0029 +14.610 +0.258 24°4350

97.10. 7	7	21 7 2.349	24 55 25.83
98. 9.10	7	2.373	24.09
98. 9.17	7	2.436	24.23
98.4		2.386	24.72

12256 9.3 2.6218 +0.0032 +14.650 +0.255 26°4102

97 10.21	7	21 7 43.162	26 15 35.12
98. 9.14	7	43.177	35.63
98.10. 3	5	43.056	35.43
98.4		43.132	35.39

12257 9.5 2.6175 +0.0033 +14.656 +0.254 — —

98. 9.20	7	21 7 48.119	26 29 11.49	
98. 9.21	5	48.116	12.11	
98 9.22	7	47.990	12.74	v. ft.
98.7		48.075	12.11	

12264 9.3 2.6369 +0.0031 +14.670 +0.256 25°4487

97.11.19	7	21 8 3.071	25 31 28.04
98. 9.30	5	3.178	26.48
98.10. 1	5	3.121	27.20
98.5		3.123	27.24

12268 9.3 2.5965 +0.0035 +14.701 +0.251 27°4009

97.10.16	7	21 8 34.885	27 37 7.75
98. 9.26	5	34.772	8.39
98. 9.28	5	34.738	9 52
98.4		34.798	8.55

12269 9.3 2.5956 +0.0035 +14.703 +0.251 27°4010

97.10.19	7	21 8 35.693	27 40 1.29
98.10 8	5	35.954	1.57
98.11. 4	5	35.929	2.27
98.11. 5	5	35.927	1.74
98.6		35.876	1.72

12270 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.5871$ $+0^{\mathrm{s}}.0036$ $+14''.708$ $+0''.250$ 28°4028

97. 9. 6	7	$21^{\mathrm{h}}\,8^{\mathrm{m}}\,41^{\mathrm{s}}.579$	28° 5′ 44″.36	
98. 9.23	7	41.554	41.94	
98.11.16	5	41.919	44.61	
98.4		41.684	43.64	

12284 9.0 2.6031 +0.0035 +14.762 +0.251 27°4017

97.10.20	7	21 9 36.542	27 24 24.93	
98.11. 3	5	36.473	25.12	
98.11.18	5	36.623	24.46	
98.5		36.546	24.84	

12287 9.3 2.5953 +0.0036 +14.772 +0.250 27°4019

98.10.13	5	21 9 45.611	27 48 47.24	
98.10.18	5	45.662	45.68	
99. 8.30	7	45.668	47.84	
99.1		45.647	46.92	

12288 9.3 2.6045 +0.0035 +14.775 +0.250 27°4020

98.10.28	5	21 9 48.760	27 21 38.59	
98.11. 1	5	48.992	38.77	
99. 9. 2	5	49.091	38.65	
99.1		48.948	38.67	

12293 9.4 2.6105 +0.0035 +14.784 +0.251 26°4113

98. 9.15	7	21 9 58.228	27 4 33.98	
98. 9.16	7	57.967	32.94	
98. 9.17	5	58.074	34.48	
98.7		58.090	33.80	

12294 Examined 97.10.29: star not found. See main catalogue

12308 "Probably a star in Z.C. place, but too faint for observation." See main catalogue

12319 9.5 2.5750 +0.0040 +14.887 +0.245 28°4041

97.10.30	5	21 11 43.718	29 2 22.37	
98. 9.10	7	43.661	21.91	
98. 9.14	7	43 544	22.48	
98.4		43.641	22.25	

12323 9.5 2.6027 +0.0037 +14.895 +0.248 — —

98. 9.20	7	21 11 50.929	27 40 47.29	
98. 9.21	7	50.801	48.52	
98. 9.22	7	50.814	49.02	
98.7		50.848	48.28	

12329 9.2 2.6059 +0.0037 +14.913 +0.248 27°4033

98. 9.23	7	21 12 10.190	27 33 8 94	
98. 9.30	5	10.217	8.74	
98.10. 1	5	10.179	10.22	
98.7		10.195	9.30	

12330 9.5 2.6092 +0.0037 +14.913 +0.248 27°4034

97.10.19	5	21 12 9 675	27 23 21.57	
98.10. 3	5	9.716	24.21	
98 11. 5	5	10.002	24.68	
98.5		9.798	23.49	

12334 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.6576$ $+0^{\mathrm{s}}.0032$ $+14''.927$ $+0''.253$ 24°4367

97. 9. 6	7	$21^{\mathrm{h}}12^{\mathrm{m}}24^{\mathrm{s}}.748$	24° 54′ 40″.35	
98. 9.26	5	24.678	40.71	
98. 9.28	5	24.622	40.71	
98.4		24.683	40.59	

12335 9.5 2.5716 +0.0041 +14.930 +0.244 29°4369

97. 8.28	5	21 12 27.218	29 17 23.31	
98.11.11	5	27.184	24.43	
98.11.16	5	27.296	23.23	
98.5		27.233	23.66	

12336 9.5 2.6346 +0.0034 +14.941 +0.250 26°4124

97.10.16	7	21 12 38.545	26 8 20.45	
98.11.18	5	38.583	20.59	v.ft.
99. 9. 4	3	38.694	21.53	
98.8		38.607	20.86	

12342 9.5 2.5898 +0.0039 +14.952 +0.245 28°4048

98.10. 8	5	21 12 50.196	28 26 16.95	
98.11. 3	5	50.255	17.14	
99. 9. 5	3	50.137	17.26	
99.1		50.196	17.12	

12344 9.3 2.5822 +0.0040 +14.954 +0.244 28°4049

98.10.13	5	21 12 51.986	28 49 12.15	
98.10.18	5	52.058	11.88	
99. 9.14	3	52.108	11.86	
99.1		52.051	11.96	

12347 9.5 2.6144 +0.0036 +14.965 +0.248 — —

98.10.11	5	21 13 2.719	27 13 24.82	
98.10.28	5	2.885	23.25	
98.11. 1	5	2.857	24.90	
98.8		2.820	24.32	

12350 9.5 2.5850 +0.0040 +14.984 +0.244 28°4050

97.10.20	5	21 13 22.851	28 44 16.29	
99. 8.30	7	22.958	16.60	
99. 9. 2	7	23.100	16.73	
99.0		22.970	16.54	

12353 9.5 2.5847 +0.0040 +14.989 +0.244 — —

97.10.29	7	21 13 28.282	28 45 47.92	
98. 9.17	7	28.250	48.77	
99. 9.20	7	28.403	47.69	
98.8		28.312	48.13	

12360 9.5 2.5710 +0.0042 +15.009 +0.242 29°4379 A

97. 9.18	5	21 13 48.470	29 28 43.48	d. n.
98. 9.15	7	48.684	43.05	n. p. of 2
98. 9.16	7	48.495	42.79	
99. 9.22	7	48.515	42.32	
98.7		48.541	42.91	

12361 9.5 2.5711 +0.0042 +15.009 +0.242 29°4379 B

97.10. 7	4	21 13 48.494	29 28 23.72	too ft. bad
99. 9.28	7	49.168	24.03	
99. 9.30	7	49.259	24.43	disturbed
99.1		48.974	24.06	

12386 $9^{m}5$ $2^{s}5741$ $+0^{s}0043$ $+15''096$ $+0''241$ 29°4388

97.10.21	7	21^{h}	15^{m}	$19^{s}337$	29°	30′	$33''76$	
98. 9.10	7			19.332			34.23	
98. 9.14	7			19.242			34.27	
98.4				19.304			34.09	

12390 9.5 2.6648 +0.0033 +15.110 +0.249 24°4383

97.10.30	7	21	15	33.458	24	52	6.14	
98. 9.21	4			33.363			6.93	
98. 9.22	7			33.483			8.15	
98.4				33.435			7.07	

12392 9.5 2.6171 +0.0038 +15.115 +0.245 27°4046

97.11.19	7	21	15	38.952	27	23	20.42	
98.10. 3	3			38.759			18.12	
99. 9. 5	3			39.314			18.43	
98.8				39.008			18.99	

12393 9.3 2.6088 +0.0039 +15.115 +0.244 27°4047

98. 9.20	7	21	15	39.492	27	48	21.82	
98.11. 5	3			39 521			21.55	
99. 9. 4	3			39.356			19.31	
99.1				39.456			20.89	

12394 9.4 2.6586 +0.0034 +15.116 +0.248 25°4515

98. 9.23	7	21	15	40.046	25	12	47.72	
98.11.11	5			40.009			48.96	
98.11.16	5			40.195			49.05	
98.8				40.083			48.58	

12396 9.5 2.5883 +0.0042 +15.123 +0.241 28°4062

98. 9.30	5	21	15	47.113	28	52	3.45	
98.10. 1	5			46.896			4.74	v. ft.
99. 9.14	3			47.356			4.25	
99.1				47.122			4.15	

12401 9.2 2.6355 +0.0037 +15.139 +0.246 26°4135

97.10.19	7	21	16	3.731	26	28	25.27	
98.11. 3	3			3.704			26.80	
99.10. 2	7			3 763			25.82	
98.8				3.733			25.96	

12403 9.4 2.5704 +0.0044 +15.152 +0.239 29°4392

98. 9.26	5	21	16	17.211	29	48	45.26	
98. 9.28	5			17.376			47.03	
99.10. 5	3			17.469			43.75	
99.1				17.352			45.35	

12404 9.2 2.5886 +0.0042 +15.152 +0.241 — —

97. 9. 6	7	21	16	17.710	28	54	33.16	
98.10.11	5			17.821			31.82	
99.10. 6	7			17 963			30.98	
98.7				17.831			31.99	

12409 9.4 2.5876 +0.0042 +15.162 +0.241 28°4064

98.10. 8	5	21	16	27.578	28	58	39.23	
98.11.18	5			27.566			40.34	
99.10. 7	3			27.549			39.76	
99.1				27.564			39.78	

12410 $9^{m}3$ $2^{s}6603$ $+0^{s}0034$ $+15''169$ $+0''247$ 25°4520

97.10.29	5	21^{h}	16^{m}	$35^{s}452$	25°	13′	$20''60$	
99. 8.30	4			35.487			20.14	
99.10. 9	3			35.322			21.67	
99.1				35.420			20.80	

12413 9.3 2.5650 +0.0045 +15.182 +0.238 — —

97.10.20	7	21	16	48.289	30	8	31.04	
98. 9.17	5			48.516			31.19	
99.10.10	7			48.636			31.42	
98.8				48.480			31.22	

12433 9.5 2.6427 +0.0037 +15.227 +0.244 — —

97. 9.18	6	21	17	35.815	26	16	45.42	
98. 9.15	7			35.929			45.04	
98. 9 16	7			35.880			44.28	
98.4				35.875			44.91	

12438 9.5 2.6270 +0.0039 +15.236 +0.242 — —

97.10.16	7	21	17	45.679	27	7	25.65	ft.
99. 9 2	7			45.929			26.30	v. ft.
99 10.11	5			46.073			27.23	
99.1				45.894			26.39	

12441 9.5 2.6448 +0.0037 +15 244 +0.244 — —

98.10.18	2	21	17	54.183	26	12	15.64	v. ft. bad -1^{m}
98 10 28	4			54.009			16.89	
98 8				54.096			16.26	

12443 9.4 2.5874 +0.0043 +15.244 +0.239 — —

98.11. 1	3	21	17	54.507	29	10	3.12	
99. 9.20	7			54.589			2.87	
99.3				54.548			3.00	

12444 9.1 2.6625 +0.0035 +15.246 +0.246 25°4528

98.11. 3	5	21	17	56.113	25	15	25.99	
99. 9.22	7			55.959			26.78	
99. 9.28	7			56.017			27.13	
99.4				56.030			26.63	

12446[a] 9.3 2.6119 +0.0041 +15.247 +0.241 27°4053

98.11. 5	3	21	17	57.295	27	55	40.10	
99. 9.30	7			57.480			40.32	
99.3				57.388			40 21	

The Z.C. place of 12446 is 1′ wrong: corrected reduction gives

75.10. 5	3	21	17	57.370	27	55	39.34	+ 1′

12450 9.3 2.6609 +0.0036 +15.263 +0.245 — —

98.10.11	2	21	18	13.998	25	22	32.85	
99.10. 5	3			14.171			34.48	
99.10. 7	4			14.064			32.43	
99.4				14.078			33.25	

12452 9.5 2.5983 +0.0042 +15.266 +0.239 — —

98. 9.21	4	21	18	17.150	28	39	51.85	
98. 9.22	4			16.972			52.61	
99 10. 9	3			17 140			51.04	
99.1				17 087			51.83	

12454 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.5798$ $+0^{\mathrm{s}}.0045$ $+15''.272$ $+0''.237$ 29°4405

98. 9.20	4	$21^{\mathrm{h}}18^{\mathrm{m}}24^{\mathrm{s}}.293$	$29^\circ 36' 50''.22$	
99. 9. 4	7	24.301	50.27	
99. 9. 5	7	24.413	49.76	
99.4		24.336	50.08	

12456 9.4 2.6068 +0.0042 +15.273 +0.240 28°4078

97.11.19	5	21 18 25.033	28 14 45.66	
98.10. 3	5	25.307	45.56	
99. 9.14	7	25.344	46.90	
98.8		25.228	46.04	

12460 9.3 2.5936 +0.0044 +15.293 +0.238 28°4083

97.10.21	5	21 18 45.677	28 57 39.47	
98.10. 1	3	45.746	39.64	
98.11.11	4	45.829	39.90	
98.11.16	5	45.832	39 68	p. of 2
98.6		45.771	39.67	

12467 9.5 2.5837 +0.0045 +15.319 +0.237 29°4408

97.10.30	7	21 19 14.088	29 31 22.30	
98. 9.14	7	13.975	22.02	
98. 9.30	5	14.111	21.41	
98.4		14.058	21.91	

12482 9 4 2.5729 +0.0047 +15.361 +0.235 30°4432

97.10.19	7	21 19 58.298	30 9 28.81	
98. 9. 9	7	58.505	31.02	
98. 9.26	5	58.424	30.69	
98.4		58.409	30.17	

12484 9.5 2.6192 +0.0042 +15.364 +0.239 — —

97. 9. 6	5	21 20 1.452	27 48 12.33	v. ft.
98. 9.17	5	1.575	11.63	
98. 9.28	5	1.585	10.69	
98.4		1.537	11.55	

12487 9.5 2.6001 +0.0044 +15.377 +0.237 28°4086

97.10.29	7	21 20 14.837	28 49 5.11	
98.10. 8	5	14.704	5.25	
98.11.18	5	14.776	5.49	
98.5		14.772	5.28	

12494 9.2 2.5927 +0.0045 +15.407 +0.236 — —

97.10.20	7	21 20 47 095	29 15 34.22	
98.11. 1	5	47.157	34.83	
99. 8.30	7	47.195	34.33	
98.8		47.149	34.46	

12499 9.5 2.6015 +0.0045 +15.421 +0.236 28°4092

98.10.11	3	21 21 2.190	28 50 42.55	
98.10.13	5	1.941	42.10	
98.10.18	4	2.262	42.26	
98.8		2.131	42.30	

12503 9.2 2.5852 +0 0047 +15.429 +0.234 — —

97. 9.18	7	21 21 11.094	29 41 40.27	
98. 9.15	7	11.063	39.62	
98. 9.16	7	11.015	39.21	
98.4		11.057	39.70	

12505 Examined 98.9.21: star not found. See main catalogue

12527 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.6155$ $+0^{\mathrm{s}}.0045$ $+15''.506$ $+0''.235$ 28°4099

97.10.21	7	$21^{\mathrm{h}}22^{\mathrm{m}}33^{\mathrm{s}}.871$	$28^\circ 18' 30''.12$	
98. 9.20	7	33.927	31.74	
98. 9.22	7	33.852	33.23	
98.4		33.883	31.70	

12528 9.4 2 5956 +0 0047 +15.507 +0.233 — —

97.11.19	7	21 22 34 612	29 20 60.98	
98. 9.23	7	34.712	57.80	
98.10 1	5	34.580	59.97	
98 5		34.635	59.58	

12533 9.2 2.6559 +0.0040 +15.516 +0.239 26°4171

97 10.30	7	21 22 44.447	26 10 33.42	
98. 9.30	5	44.390	33.50	
98 10. 3	5	44.319	33.23	
98.4		44.385	33.38	

12542 9 5 2.5824 +0.0049 +15.550 +0.231 — —

98. 9.26	5	21 23 21.108	30 7 28 10	
98. 9.28	5	21.192	28 12	
98.11. 3	5	21.258	27.53	
98 8		21.186	27.92	

12544 9 5 2.6318 +0.0043 +15.551 +0.236 27°4073

98. 9. 9	3	21 23 21.927	27 32 58.47	v. ft.
98. 9.17	7	22.157	64.24	v. ft.
98.11. 5	5	22.050	62.27	
98. 7		22.045	61.66	

12551 9.5 2.6453 +0.0042 +15.570 +0.237 — —

97. 9. 6	7	21 23 43.149	26 51 51.10	s. f. of 2
98.10. 8	5	43.209	49.52	f. of 2
98.11.11	5	43.055	51.19	
98.11.16	5	43.184	51.24	
98.5		43.149	50.76	

12553 6.8 2.6236 +0.0045 +15.574 +0.234 27°4076

96. 9.30	7	21 23 47.423	28 2 27.99	bright field

12564 9.5 2.6260 +0.0045 +15.599 +0.234 — —

97.10.19	7	21 24 14.485	27 58 20.64	
98.10.28	5	14.590	20.82	
98.11. 1	5	14.658	21.21	
98.5		14.578	20.89	

12566$^{\mathrm{a}}$ 9.5 2.6354 +0.0044 +15.605 +0.235 27°4079

97.10.20	7	21 24 21.582	27 29 4.44	
98.10.11	5	21.533	4.70	
98.11.18	5	21.438	6.59	
98.5		21.518	5.24	

The B.D. α is 5^{s} less

12569 No star in place : see main catalogue

12573 9.5 2.6299 +0.0045 +15.629 +0.234 — —

97.10.29	7	21 24 47.188	27 49 56.76	
98. 9.21	7	47.117	58.63	
98.11.22	5	47.218	57.91	
98.5		47.174	57.77	

12575 9^{m}.1 2^{s}.6621 +0^{s}.0041 +15″.638 +0″.236 26°4180

97. 9.18	7	21^{h}24^{m}57^{s}.467	26° 6′ 32″.62	
98. 9.15	7	57.494	31.73	
98. 9.16	7	57.375	30.65	
98.4		57.445	31.67	

12583 9.5 2.6399 +0.0044 +15.654 +0.234 27°4084

97.10.16	6	21 25 14.516	27 21 14.08	
98.10.13	5	14.552	13.28	
98.10.18	5	14.601	13.70	
98.5		14.556	13.69	

12609 9.1 2.6421 +0.0045 +15.706 +0.233 27°4088

97.10.21	7	21 26 12.586	27 21 31.88	
98. 9.20	7	12.531	33.07	
98. 9.22	7	12.486	34.02	
98.4		12.534	32.99	

12611 9.5 2 6686 +0.0041 +15.712 +0.235 — —

97.11.19	7	21 26 18.617	25 54 51.14	disturbed:
98. 9.23	7	18.682	47.86	counting
98.10. 1	5	18.898	50.44	wrong at
98.5		18.732	49.81	end: −1^{s}

12615 9.2 2.6396 +0.0046 +15.729 +0.232 27°4090

97.10.30	7	21 26 37.525	27 33 6.64	
98. 9.30	5	37.551	5.99	
98.10. 3	5	37.603	6.34	
98.4		37.560	6.32	

12621 9.3 2.6143 +0.0049 +15.742 +0.229 28°4120

98. 9. 9	5	21 26 51.812	28 56 7.90	
98. 9.17	7	51.944	9.31	
99. 8.30	3	52.071	8.23	
99.0		51.942	8.48	

12623 9.4 2.6442 +0.0045 +15.746 +0.232 — —

98. 9 26	5	21 26 55.785	27 20 20.90	
98. 9.28	5	56.088	21.04	
98.11.11	5	55.736	21.18	
98.11.16	5	56.085	20.97	
98 8		55.924	21.02	

12627 9.5 2.6567 +0.0043 +15.755 +0.233 26°4192

98.10 8	5	21 27 6.386	26 40 34 65	
98.11. 3	5	6.793	36.38	
98.11. 5	5	6.864	35.32	
98.8		6.681	35.45	

12638 9.5 2.5953 +0.0052 +15.780 +0.226 — —

97. 9. 6	7	21 27 34.480	30 1 57.90	
98.10.11	5	34.598	56.89	
98.11. 1	5	34.720	57.67	
98.4		34.599	57.49	

12648 9.5 2.6113 +0.0051 +15.828 +0.227 29°4447

97.10.19	5	21 28 27.666	29 18 46.27	
98. 9.21	7	27.739	47.55	
98 10.28	5	27.695	46.88	v. ft.
98.4		27.700	46.90	

12652 9^{m}.5 2^{s}.6386 +0^{s}.0048 +15″.840 +0″.229 — —

97. 9.18	4	21^{h}28^{m}40^{s}.795	27° 52′ 18″.34	ex. ft.
98. 9.15	7	41.028	20.61	
98. 9.16	7	41.081	18.91	
98.4		40.968	19.29	

12658 9.3 2 6773 +0.0043 +15.855 +0.232 — —

97.10.16	6	21 28 57.383	25 45 21.61	
98.10.13	3	57.247	20.42	
98.10.18	3	57.278	20.35	
98.5		57.303	20.79	

12659 9.5 2.6691 +0.0043 +15.859 +0.232 26°4200

97.10.20	7	21 29 2.550	26 13 42.65	
98.11.22	4	2.542	42.02	
99 9. 2	7	2.646	44.06	
98.8		2.579	42.91	

12667 9.3 2.6667 +0.0045 +15.882 +0.231 — —

97.10.29	5	21 29 28.237	26 25 3.85	
99. 8 30	7	28.077	3.71	
99. 9. 4	7	28.176	5.41	
99.1		28.163	4.32	

12668 9.5 2.6297 +0.0049 +15.886 +0.228 28°4131

98. 9.20	5	21 29 32.425	28 28 29.09	
98. 9 22	5	32.582	30.07	
99. 9. 5	7	32.744	28.84	
99.0		32.584	29.33	

12674 9.5 2.6404 +0.0048 +15.893 +0.228 — —

97.11.19	4	21 29 40.443	27 54 25.63	
98. 9.23	5	40.500	24.15	
98.10. 1	3	40 203	23.80	too ft.
98.5		40.382	24.53	

12689 9.5 2.6562 +0.0047 +15.928 +0.229 27°4112

97.10.21	7	21 30 19.963	27 7 15.08	
98. 9.17	7	20.250	16.35	
98.10. 3	5	20.140	15.90	
98.4		20.118	15.78	

12694 9.5 2.6166 +0.0052 +15.938 +0.225 — —

97.10.30	7	21 30 30.646	29 18 53.29	
98. 9.30	5	30.521	52.17	
98.11.11	5	30.531	54.33	
98.11 16	3	30.650	53.95	v. ft.
98.6		30.587	53.44	

12698 9.5 2.6802 +0.0044 +15.941 +0.231 — —

98 9. 9	7	21 30 34.064	25 47 40.79	
98.11. 3	5	34.344	42.32	
98.11. 5	5	34.213	41.03	
98.8		34.207	41.38	

12700 9.5 2.6256 +0.0051 +15.945 +0.226 28°4135

98. 9.26	5	21 30 38.700	28 50 53.34	
98. 9.28	5	38.922	53.21	
99. 9.14	7	38.977	53.72	
99.1		38.866	53.42	

12712 9$^{\mathrm{m}}$5 2$^{\mathrm{s}}$6038 +0$^{\mathrm{s}}$0054 +15″985 +0″222 30°4487

97. 9. 6	7	21$^{\mathrm{h}}$31$^{\mathrm{m}}$23$^{\mathrm{s}}$937	30° 7′ 26″82	
98.10.11	5	23.953	26.42	f. of 2
99. 9.20	7	24.203	25.49	
98.7		24.031	26.24	

12715 9.3 2.6656 +0.0047 +15.988 +0.228 — —

98.10. 8	5	21 31 27.931	26 44 18.13	f. of 2
99. 9.22	7	27.843	19.10	
99. 9.28	7	28.110	18.12	
99.4		27.961	18.45	

12718 9.5 2.6485 +0.0049 +15.997 +0.226 — —

98.10.13	5	21 31 38.108	27 43 17.37	
98.10.18	5	37.872	17.88	
99. 9.30	7	38.225	17.41	
99.1		38.068	17.55	

12723 9.5 2.6370 +0.0051 +16.010 +0.225 28°4142

98. 9.21	7	21 31 52.882	28 23 41.75	
98.11.18	1	52.763	41.15	
98.11.22	2	52.886	37.91	
98.8		52.844	40.27	

12724 9.2 2.6541 +0.0048 +16.011 +0.226 — —

97.10.19	1	21 31 54.178	27 26 47.12	ft.
98.10.28	3	54.240	49.50	
98.11. 1	5	54.187	50.41	
98.5		54.202	49.01	

12725 9.5 2.6147 +0.0053 +16.015 +0.223 — —

97. 9.18	2	21 31 59.645	29 37 12.46	v. ft.
98. 9.15	5	59.298	13.87	
98. 9.16	5	58.962	15.13	v. ft.
98 4		59.302	13.82	

12742 9.3 2.6651 +0.0048 +16.069 +0.226 26°4223

97.10.16	7	21 32 59.598	26 58 48.38	
98. 9.20	7	59.444	49.40	
98. 9.22	7	59.438	51.97	− 10$^{\mathrm{s}}$
98.4		59.493	49.92	

12745 9.5 2.6248 +0.0054 +16.074 +0.222 29°4469

97.10.20	5	21 33 5.354	29 14 9.51	
98. 9.23	7	5.295	10.72	
98.10. 1	5	5.080	10.62	
98.4		5.243	10.28	

12764^{a} 9.4 2.6458 +0.0052 +16.143 +0.222 28°4155

97.10.21	7	21 34 25.287	28 15 36.49	‖

Confirmed by Oxford photograph 92.9.15

12765 9.4 2.6457 +0.0052 +16.144 +0 222 — —

98. 9.17	7	21 34 27.090	28 16 13.36	
98. 9 30	3	26.876	11.77	n. of 2
98.7		26 983	12.56	

12767 9$^{\mathrm{m}}$3 2$^{\mathrm{s}}$6847 +0$^{\mathrm{s}}$0047 +16″145 +0″225 25°4585

97.10.29	7	21$^{\mathrm{h}}$34$^{\mathrm{m}}$28$^{\mathrm{s}}$277	26° 2′ 45″77	
98. 9.28	3	28.157	46.86	
98.10. 3	5	28.205	46.12	
98.4		28.213	46.25	

12776 9.5 2.6635 +0.0050 +16.166 +0.223 27°4130

97.10.30	7	21 34 51.947	27 19 9.76	
98.10. 8	4	51.968	9.13	clds.
98.10.28	5	51.844	9.85	
98.11. 1	3	51.919	10.93	
98.6		51.920	9.92	

12777 9.5 2.6741 +0.0048 +16.170 +0.224 26°4234

97.11.19	7	21 34 55.602	26 43 19.68	
98.10.11	5	55.572	17.41	s. f. of 2
98.10.18	5	55.425	18.41	
98.5		55.533	18.50	

12778 9.5 2.7019 +0.0044 +16.173 +0.226 25°4590

97. 9. 6	7	21 35 0.324	25 6 12.63	
98. 9.21	3	0.503	13.36	
98.10.13	5	0.127	13.55	
98.4		0.318	13.18	

12786 7.2 2.6845 +0.0047 +16.196 +0.224 26°4237

96. 9.19	7	21 35 27.642	26 11 9.09	bright field
96. 9.28	7	27.658	8.86	
96. 9.30	5	27.657	9.60	bright field
96.7		27.652	9.18	

12798 9.5 2.6655 +0.0051 +16.238 +0.221 — —

97. 9.18	7	21 36 15.518	27 24 12.39	
98. 9.15	7	15.595	11.15	
98. 9.16	7	15.534	10.53	
98.4		15.549	11.36	

12799 9.3 2.6669 +0.0051 +16.245 +0.221 27°4137

97.10.19	7	21 36 23.628	27 20 24.67	
98. 9.23	5	23.521	25.76	
98.10. 1	5	23.484	24.93	+ 1$^{\mathrm{m}}$
98.4		23.544	25.12	

12806 9.3 2.6283 +0.0057 +16.266 +0.217 — —

97.10.16	7	21 36 48.833	29 35 3.99	
98. 9.20	7	48.729	3.69	
98. 9.22	7	48.651	5.42	
98.4		48.738	4.37	

12812 9.5 2.6296 +0.0058 +16.297 +0.216 29°4488

97.10.20	7	21 37 24.371	29 36 9.73	
98.10. 3	3	24.398	9.48	
98.11. 3	5	24.668	11.39	
98.5		24.479	10.20	

12814 9.5 2.6247 +0.0058 +16.305 +0.216 29°4489

98. 9.28	5	21 37 33.829	29 53 53.51	
98. 9.30	5	33.763	52.98	s. f. of 2
98 11. 5	5	33.951	53.02	
98.8		33.848	53.17	

B.D. agrees in δ but gives α 1$^{\mathrm{s}}$3 greater

12833 $9^{m}5$ $2^{s}6903$ $+0^{s}0049$ $+16''350$ $+0''220$ 26°4252

97.10.21	7	$21^{h}38^{m}28^{s}111$	$26°15'42''00$	
98. 9.17	7	28.137	43.86	
98.10.28	5	28.161	43.24	
98.4		28.136	43.03	

12835 4.5 2.6577 +0.0055 +16.355 +0.217 28°4169

96.10. 9	7	21 38 33.681	28 10 36.57	c.d.m.
96 10.21	7	33.628	36.66	c.d.m.
96.10.22	7	33.700	37.10	c.d.m. diffuse
96.8		33.670	36.78	

12838 9.4 2.6633 +0.0054 +16.365 +0.217 27°4146

97. 9. 6	7	21 38 45.523	27 53 20.48	
98. 9.21	7	45.487	18.99	
98.11. 1	5	45.718	18.90	
98.4		45.576	19.46	

12845 9.5 2.7012 +0.0048 +16.375 +0.220 25°4610

97.10.29	7	21 38 57.039	25 40 48.22	
98.10.11	5	56.969	49.00	
98.11.11	5	56.859	50.55	
98.11.16	4	57.120	48.54	
98.6		56.997	49.08	

12846 8.2 2.6313 +0.0059 +16.376 +0.215 29°4496

96. 9.19	5	21 38 57.266	29 44 23.73	
96. 9.28	2	57.422	24.95	
96. 9.30	7	57.412	25.28	
96.7		57.367	24.65	

12848 9.4 2.6813 +0.0052 +16.383 +0.218 26°4254

97.10.30	7	21 39 6.424	26 53 5.28	
98.10.18	5	6.449	5.13	
98.11.22	5	6.385	4.20	
98.5		6.419	4.87	

12848ᵃ 9.4 2.6593 +0.0055 +16.386 +0.217 — —

97.11.19	7	21 39 10.142	28 10 50.98	s. p. of 2

12850 No star in place: see main catalogue

12850ᵃ 9.1 2.6594 +0.0055 +16.394 +0.216 28°4175

99. 9. 4	5	21 39 20.513	28 11 44.77	‖
99 9. 5	5	20.442	44.66	
99. 9.14	7	20.500	45.04	
99.7		20.485	44.82	

12852 9.1 2.6461 +0.0057 +16.403 +0.215 28°4177

98.10. 1	5	21 39 30.049	28 59 16.17	
98.10. 3	2	30.123	16.17	
99. 9.20	7	30.258	15.52	
99.1		30.143	15.95	

12861 9.3 2.6735 +0.0054 +16.432 +0.216 27°4154

97. 9.18	7	21 40 5.125	27 29 32.77	
98. 9.16	7	5.218	30.98	
98. 9.23	7	5.238	30.49	
98.4		5.194	31.41	

12863 $9^{m}1$ $2^{s}6909$ $+0^{s}0051$ $+16''435$ $+0''218$ 26°4260

97.10.16	5	$21^{h}40^{m}8^{s}714$	$26°27'44''82$	
98. 9.20	5	8.601	44.66	
98. 9.22	5	8.453	47.08	
98.4		8.589	45.52	

12874 9.3 2.6357 +0.0060 +16.460 +0.213 29°4506

97.10.19	7	21 40 38.137	29 44 57.98	
98.11. 3	5	38.436	60.07	
98.11. 5	5	38.410	60.18	
98.5		38.328	59.41	

12890 9.5 2.6523 +0.0059 +16.502 +0.213 — —

97.10 20	7	21 41 29.556	28 56 7.85	d.s.f.
98. 9.28	5	29.559	9.84	
98. 9.30	5	29.394	8.24	
98.4		29.503	8.64	

12893 9.1 2.6452 +0.0060 +16.516 +0.212 29°4511

98. 9.17	5	21 41 46.394	29 23 9.77	
98.10 28	5	46.344	8.52	
98.11. 1	5	46.465	10.51	
98.8		46.401	9.60	

12909 9.5 2.6871 +0.0055 +16.556 +0.214 26°4271

97. 9. 6	7	21 42 34.795	27 2 40.12	
98. 9.21	7	34.885	39.01	
99. 9.22	3	34.686	37.58	
98.7		34.789	38.90	

12910 9.5 2.6756 +0.0056 +16.559 +0.213 — —

97.10.21	7	21 42 37.991	27 44 41.70	
98.10.11	5	38.059	42.45	
99. 9.28	7	38.358	41.51	
98.8		38.136	41.89	

12913 9.5 2.6724 +0.0057 +16.572 +0.212 27°4169

97.10.29	7	21 42 54.899	27 58 37.70	
98.10. 3	5	54.862	37.51	
98 11.22	3	54.700	38.01	
98.5		54.820	37.74	

12916 9.5 2.6889 +0.0055 +16.577 +0.214 — —

97.10.30	7	21 43 0.015	27 0 9.26	v. ft.
98.10.18	5	0.015	7.74	
99. 9. 4	7	0.286	7.22	
98.8		0.105	8.07	

12917 No star in place: see main catalogue

12918ᵃ 9.5 2.6417 +0.0063 +16.586 +0.209 — —

97.11.19	7	21 43 11.559	29 48 19.44	
98.11.11	5	11.521	19.57	
99 9. 5	7	11.774	18.54	
98.8		11.618	19.18	

12926 9.2 2.7193 +0.0050 +16.613 +0.215 25°4624

97. 9 18	7	21 43 43.476	25 14 11.07	
98. 9.16	7	43.558	9.01	
98. 9.20	7	43.589	9.64	
98.4		43.541	9.91	

12928 9^{m}3 2^{s}6813 +0^{s}0057 +16$''$619 +0$''$212 27°4174

98. 9.22	7	21^{h}43^{m}50^{s}903	27° 35′ 17$''$67	
98. 9.23	7	51.022	12.62	
98.11. 5	5	51.138	15.23	
98.8		51.021	15.17	

12943 9.3 2.6880 +0.0057 +16.660 +0 211 27°4178

97.10.19	5	21 44 41.599	27 18 31.55	
98.11. 3	5	42.005	34.83	
99. 9.14	7	42.048	34.70	
98.8		41.884	33.69	

12944 9.5 2.6764 +0.0059 +16.665 +0.210 27°4179

98.10 28	5	21 44 47.686	28 1 20.81	clds. v. ft.
98.11. 1	5	47.665	21.25	p. of 2
99. 9.30	7	47.934	20.29	
99.1		47.762	20.78	

12945 9.5 2.6948 +0.0056 +16.669 +0.211 26°4280

98. 9.28	5	21 44 52.919	26 55 25.37	
98. 9.30	5	52.833	24.17	
99.10. 2	7	53.097	23.69	
99.1		52.950	24.41	

12948 9.3 2.6454 +0.0064 +16.685 +0.207 29°4528

97.10.20	7	21 45 11.975	29 54 56.86	
99. 9.20	7	12.109	57.25	
99. 9.28	4	12.139	58.20	
99.1		12.074	57.44	

12952 9.4 2.6794 +0.0059 +16.696 +0.209 27°4181

98. 9.17	7	21 45 25.882	27 56 31.79	
98.11.22	5	25.774	29.86	
99. 9.22	7	25.928	30.48	
99.1		25.861	30.71	

12959 9.3 2.6780 +0.0060 +16.743 +0.208 28°4213

97.10.21	7	21 46 24.136	28 10 36.23	
98. 9.21	7	24.177	35.79	
98.10. 3	5	24.128	35.74	
98.4		24.147	35.92	

12964 9.1 2.6904 +0.0058 +16.762 +0.208 — —

97.10.29	7	21 46 48.258	27 29 13.47	
98.10.11	5	48.129	13.27	
98.11. 5	5	48.262	13.54	
98.5		48.216	13.43	

12972 9.4 2.7004 +0.0057 +16.796 +0.208 26°4290

97. 9.18	7	21 47 31.817	26 58 26.42	
98. 9.16	7	31.783	24.45	
98. 9.20	7	31.754	23.89	
98.4		31.785	24.92	

12974 9.4 2.7107 +0.0056 +16.798 +0.209 26°4291

97.10.30	7	21 47 33.857	26 20 12.76	
98. 9.22	7	33.849	14.84	
98. 9.23	7	33.783	11.93	
98.4		33.830	13.18	

12976 9^{m}4 2^{s}6930 +0^{s}0059 +16$''$812 +0$''$207 — —

97.11.19	7	21^{h}47^{m}51^{s}180	27° 29′ 19$''$35	
98.11. 3	3	51.460	18.76	
98.11.11	5	51.195	20.75	v. ft.
98.5		51.278	19.62	

12977 9.5 2.6985 +0.0058 +16.817 +0.207 27°4188

98.10.13	5	21 47 57.584	27 9 59.34	
98.10.18	5	57.844	59.33	
99. 9. 5	7	57.759	60.22	
99.1		57.729	59.63	

12980 9.2 2.6821 +0.0062 +16.831 +0.206 28°4224

97.10.19	6	21 48 14.577	28 13 33.47	
98. 9.28	5	14.819	35.44	
98. 9.30	5	14.832	34.56	
98.4		14.743	34.49	

12989 9.2 2.7037 +0.0059 +16.884 +0.206 26°4299

97.10.20	7	21 49 21.657	27 3 28.35	
98. 9.17	7	21.901	29.45	
98.11.22	5	21.819	26.73	v. ft.
98.5		21.792	28.18	

12990 9.0 2.7391 +0.0053 +16.884 +0.208 24°4498

98.10.28	5	21 49 22.560	24 47 15.31	d. n.
98.11. 1	5	22.394	16.94	
99. 9.14	5	22.556	16.58	
99.1		22.503	16.28	

12992 9.5 2.6994 +0.0060 +16.889 +0.205 27°4197

98.10. 3	5	21 49 27.874	27 20 42.17	s. of 3
99. 9. 4	5	28.133	43.21	
99. 9.20	7	28.062	43.10	
99.4		28.023	42.83	

13005 9.5 2.6923 +0.0062 +16.918 +0.203 — —

98. 9.21	7	21 50 4.974	27 53 24.96	
98.10.11	5	4.938	24.76	too ft.
99. 9.22	7	5.393	24.75	v.ft.
99.1		5.102	24.82	

13009 9.3 2 7089 +0.0059 +16.922 +0.205 26°4306

98.11. 5	5	21 50 10.871	26 51 54.79	
99.10. 5	7	10.848	54.23	
99.10. 6	7	10.848	55.23	
99.5		10.856	54.75	

13010 9.5 2.6919 +0.0062 +16.924 +0.203 27°4203

97.10.21	7	21 50 12.601	27 56 9.36	
99.10. 7	7	12.923	10.02	
99.10. 9	5	12.665	10.05	
99.1		12.730	9.81	

13011 9.5 2.6904 +0.0062 +16.925 +0.203 27°4204

99. 9.28	7	21 50 14.831	28 1 50.56	
99. 9.30	5	14.932	49.90	
99.10. 2	7	14.904	50.64	
99.7		14.889	50.37	

13012 9$^{\rm m}$.3 2$^{\rm s}$.7105 +0$^{\rm s}$.0059 +16″.927 +0″.205 26°4307

98.11. 3	5	21$^{\rm h}$50$^{\rm m}$17$^{\rm s}$.020	26° 46′ 24″.60	
99.10.10	7	16.907	24.67	
99.10 11	7	16.969	24.28	
99.5		16.965	24.52	

13019 9.4 2.6959 +0.0062 +16.943 +0.203 27°4207

97.11.19	4	21 50 37.769	27 45 14.26	
98. 9.23	5	37.654	13.85	
98.11.11	3	37.699	15.10	
98.5		37.707	14.40	

13025 9.5 2.6754 +0.0066 +16.955 +0.201 28°4242

97.10.30	5	21 50 53.419	20 4 17.49	
98. 9.20	7	53.517	17.18	
98. 9.22	5	53.443	19.30	
98.4		53.460	17.99	

13033 9.4 2.6849 +0.0065 +16.984 +0.201 28°4245

97. 9.18	7	21 51 30.256	28 35 15.41	
98. 9.14	5	30.187	13.49	
98. 9.16	7	30.138	13.42	
98.4		30.194	14.11	

13041 9.5 2.6837 +0.0066 +17.006 +0.200 28°4250

97.10.19	7	21 51 58.145	28 44 16.53	
98. 9.28	5	58.375	17.39	
98. 9.30	5	58.086	17.14	
98.4		58.202	17.02	

13044 9.2 2.7180 +0.0060 +17 013 +0.202 26°4314

96. 9.19	7	21 52 8.209	26 35 19.29	
96. 9.28	7	8.250	19.59	
96 9.30	7	8.180	21.53	
96.7		8.213	20.14	

13052 9.5 2.7151 +0.0061 +17.027 +0.202 — —

98.10.13	5	21 52 25.932	26 49 28.28	
98.10.18	5	26.112	29.00	
99. 9. 5	7	26.322	29.32	
99.1		26.122	28.87	

13057 9.5 2.7082 +0.0063 +17.042 +0.201 27°4215

98.10. 3	5	21 52 45.142	27 19 11.13	
98.11.22	5	45.104	10.01	
99. 9.14	7	45.265	10.78	
99.1		45.170	10.64	

13061 9.4 2.7429 +0.0055 +17.053 +0.203 24°4512

97.10.20	7	21 52 59.435	25 5 19.01	
98. 9.17	7	59.535	20.08	
99. 9. 4	5	59.601	19.67	
98.7		59.524	19.59	

13068 9.2 2.6925 +0.0066 +17.078 +0.198 28°4258

98.10.28	5	21 53 32.681	28 27 10.39	
98.11. 1	5	32.836	11.20	
99. 9.20	7	32.943	10 11	
99.1		32.820	10.57	

13071 9$^{\rm m}$.1 2$^{\rm s}$.7189 +0$^{\rm s}$.0061 +17″.080 +0″.201 26°4321

98.10.11	5	21$^{\rm h}$53$^{\rm m}$35$^{\rm s}$.433	26° 46′ 1″.24	
98.11. 3	5	35.480	2.47	
98.11. 5	5	35.612	1.53	
98.8		35.508	1.75	

13073 9.4 2.7294 +0.0059 +17.083 +0.201 25°4654

98. 9.21	7	21 53 38.699	26 5 14.81	
99. 9.22	7	38.884	14.81	
99. 9.28	6	38.973	15.86	
99.4		38.852	15.16	

13074 No star in place: see main catalogue

13074$^{\rm a}$ 9.5 2.6954 +0.0066 +17.084 +0.198 28°4259

97.10.29	2	21 53 39.794	28 17 28.80	
98.11.11	2	39.516	29.85	
99. 9.30	6	39.967	27.93	
98.8		39.759	28.86	

13075 9.3 2.6782 +0.0069 +17.084 +0.197 29°4555

97.10.21	6	21 53 40.232	29 22 17.22	
98. 9.23	5	40.323	15.71	
99.10. 2	5	40.375	15.21	
98.8		40 310	16.05	

13081 9.4 2.7311 +0.0059 +17.108 +0.201 25°4656

97.10.30	7	21 54 11.502	26 3 36.55	
98. 9.20	5	11.554	36.03	
98. 9.22	7	11.336	38.82	
98.4		11.464	37.13	

13094 9.5 2.6922 +0.0068 +17.146 +0.196 28°4264

97. 9.18	5	21 55 1.219	28 43 52.41	f. of 2
98. 9.14	7	1.310	50.13	f. of 2
98. 9.16	7	1.324	50.32	
98.4		1.284	50.95	

These agree better than the Z.C. observation with B.D. and with Oxford photographic measures: see main catalogue.

13110 9.5 2.6747 +0.0073 +17.182 +0.193 — —

97.10.19	5	21 55 49.784	29 58 7.24	too ft.
98. 9.28	5	49.801	10.19	
98. 9.30	5	49.753	9.50	
98.4		49.779	8.98	

13116 9.4 2.6865 +0.0071 +17.200 +0.194 — —

97.11.18	5	21 56 12.627	29 17 49.51	
98.10.13	5	12.601	48.80	
98.10.18	5	12.601	48.93	
98.5		12 610	49.08	

13118 9.4 2.6801 +0.0072 +17.204 +0.193 29°4565

97.11.19	7	21 56 18.938	29 43 3.49	
98.11 22	3	18.924	2.77	
99.10. 5	7	19.165	3.22	
98.8		19.009	3.16	

13119	$9^{\rm m}.5$	$2^{\rm s}.6935$ $+0^{\rm s}.0070$	$+17''.205$ $+0''.195$	— —
98.10. 3	5	$21^{\rm h}56^{\rm m}20^{\rm s}.482$	$28^\circ 52' 28''.09$	
99. 9. 4	5	20.542	28.23	
99. 9. 5	3	20.656	27.13	
99.4		20.560	27.82	

13122	9.3	2.7077 +0.0068	+17.222 +0.195	— —
98. 9.17	7	21 56 42.351	28 0 51.55	
98.11. 3	3	42.353	50.00	
98.11. 5	3	42.419	50.45	
98 8		42.374	50.67	

13126	9.3	2.7482 +0.0059	+17.230 +0.198	25°4664
97.10.20	7	21 56 53.777	25 21 1.99	
98.10.10	7	53.737	1.88	
98.10.11	7	53.669	1.91	
98.4		53.728	1 93	

13131	9.4	2.7396 +0.0061	+17.243 +0.197	— —
98. 9.21	7	21 57 10.373	25 58 26.14	
98.11. 1	3	10.395	25.18	
99. 9.14	7	10.500	25.22	
99.1		10.423	25.51	

13132	9.0	2.7242 +0.0065	+17.243 +0.196	26°4339
98. 9.23	7	21 57 10.913	27 0 55.35	
98.11.11	3	10.916	56.26	
99. 9.20	7	11.060	55.11	
99.1		10.963	55.57	

13137	9.5	2.7259 +0.0065	+17.256 +0.195	26°4341
97.10.21	7	21 57 28.577	26 57 21.74	
99. 9.22	7	28.776	21.54	
99. 9.28	3	29.068	22.59	
99.1		28.807	21.96	

13139	9.5	2.6986 +0.0071	+17.266 +0.193	28°4276
97.10.29	7	21 57 40.905	28 47 12.91	
99. 9.30	7	41.388	13.49	
99.10. 2	7	41.203	12.66	
99.1		41.165	13.02	

13145	9.3	2.6869 +0.0074	+17.277 +0.191	29°4571
98. 9.20	7	21 57 57.710	29 35 8.71	
98. 9.22	7	57.686	11.55	
99.10. 6	7	57.840	8.09	
99.1		57.745	9.45	

13146	9.0	2.7320 +0.0064	+17.279 +0.195	26°4343
97.10.30	7	21 58 0.165	26 37 48.24	
99.10. 7	7	0.338	47.21	
99.10. 9	7	0.067	46.87	
99.1		0.190	47.44	

13154	9.5	2.7385 +0.0064	+17.317 +0.194	26°4345
97.11.18	5	21 58 51.550	26 20 18.10	
98. 9.14	7	51.586	18.15	
98. 9.16	7	51.442	18.81	
98.4		51.526	18.35	

13155	$9^{\rm m}.3$	$2^{\rm s}.7026$ $+0^{\rm s}.0071$	$+17''.321$ $+0''.191$	28°4279
98.11. 5	5	$21^{\rm h}58^{\rm m}56^{\rm s}.812$	$28^\circ 45' 25''.17$	
99.10. 5	3	56.831	24.66	
99.10.10	7	57.152	26.97	
99.5		56.932	25.60	

13161	9.5	2.7013 +0.0072	+17.335 +0.191	28°4280
98.11. 3	7	21 59 15.527	28 53 25.94	
98.11 11	2	15.176	28.68	
99. 9.28	3	15.700	29.10	
99.1		15.468	27.91	

13162	9.0	2.6987 +0.0073	+17.338 +0.191	28°4281
98.10.13	5	21 59 19.358	29 4 23.49	
98.10.18	5	19.459	24.78	
99. 9. 5	7	19.433	23.74	
99.1		19.417	24.00	

13164	9.5	2.7281 +0.0067	+17.340 +0.193	27°4249
98. 9.28	5	21 59 22.067	27 7 43.55	
98. 9.30	5	22.237	43.43	
99. 9. 4	5	22.314	42.49	
99.1		22.206	43.16	

13166[a]	9.3	2.7089 +0.0071	+17.342 +0.191	— —
97.11.19	5	21 59 25.165	28 25 5.10	
98.11. 1	5	25.207	4.99	
98.11.22	5	25.045	5.05	
98.5		25.139	5.05	

The Z.C. place of 13166 is 1′ wrong: corrected reduction gives

85.11.16	5	21 59 25.433	28 25 5.42	− 1′

13171	9.5	2.7113 +0.0070	+17.348 +0.191	— —
97.10.19	5	21 59 32.705	28 16 58.17	
98. 9.17	4	32.926	58.51	
98.10. 3	4	32.829	57.09	
98.4		32.820	57.92	

13179	8.0	2.7268 +0.0068	+17.376 +0.191	27°4252
96. 9.19	7	22 0 12.349	27 21 52.77	
96. 9.28	7	12.425	53.57	
96. 9.30	7	12.371	54.85	
96.7		12.382	53.73	

13198	9.5	2.6912 +0.0078	+17.435 +0.186	29°4588
97.10.20	5	22 1 33.054	29 58 50.49	
98. 9.20	7	33.145	50.11	
98. 9.22	7	32.963	52.89	
98.4		33.054	51.16	

13220	9.2	2.7160 +0.0074	+17.494 +0.186	28°4298
97.10.21	7	22 2 55.691	28 35 38.86	
98. 9.23	7	55.679	38.34	
98.10. 3	5	55.767	38.21	
98.4		55.712	38.47	

13225 $9^m.3$ $2^s.6979$ $+0^s.0079$ $+17''.517$ $+0''.184$ 29°4594

97.10.29	7	$22^h\,3^m27^s.982$	29° 54′ 21″.31	
98. 9.30	5	28.031	21.86	
98.10.28	3	28.095	21.17	
98.11. 1	3	28.141	21.39	
98.6		28.062	21.43	

13228 9.1 2.6930 +0.0080 +17.523 +0.183 30°4617 A

98.10. 8	5	22 3 35.314	30 15 30.08	
98.10.10	5	35.320	27.81	
98.10.11	5	35.298	30.58	
98.8		35.311	29.49	

13228^a 9.1 2.6931 +0.0080 +17.523 +0.183 30°4617 B

97.11.19	4	22 3 35.577	30 14 47.10	‖ s. of 2

Confirmed by Oxford photograph 95.10.25; brighter than 13228

13230 9.5 2.7049 +0.0078 +17.528 +0.184 — —

97.11.18	7	22 3 42.938	29 29 9.84	v. ft.
98.11. 5	5	42.995	9.34	v. ft.
98.11.11	3	42.789	12.01	v. ft.
98.5		42.907	10.40	

13233 9.2 2.6966 +0.0080 +17.536 +0.183 29°4596

98.10.13	3	22 3 53.990	30 4 27.54	
98.10.18	5	54.120	29.18	
99. 9. 5	7	54.272	28.91	
99.1		54.127	28.54	

13235 9.2 2.7312 +0.0072 +17.545 +0.185 27°4272

98.11. 3	7	22 4 6.802	27 46 5.16	
99. 9.28	7	6.884	5.50	
99. 9.30	7	6.794	4.66	
99.4		6.827	5.11	

13247 9.4 2.7496 +0.0070 +17.589 +0.185 26°4360

99. 9. 4	7	22 5 9.461	26 40 30.43	
99.10. 2	7	9.622	29.27	
99.10. 5	3	9.632	28.97	
99.7		9.572	29.56	

13249 9.4 2.7132 +0.0078 +17.591 +0.183 29°4603

98. 9.20	7	22 5 12.774	29 13 2.22	
98. 9.22	7	12.705	3.58	
99.10. 6	3	13.115	1.00	
99.1		12.865	2.27	

13266 9.4 2.7754 +0.0065 +17.629 +0.185 24°4547

98.10.28	5	22 6 7.355	24 58 10.13	
98.11. 1	5	7.441	9.84	
99.10. 7	7	7.366	9.20	
99.1		7.387	9.72	

13270 9.5 2.7491 +0.0071 +17.644 +0.183 26°4370

98.10. 3	5	22 6 27.964	26 57 11.67	
99.10. 9	7	27.979	12.23	
99.10.10	7	27.980	12.25	
99.4		27.974	12.05	

13274 $9^m.4$ $2^s.7253$ $+0^s.0078$ $+17''.653$ $+0''.181$ 28°4314

98. 9.23	7	$22^h\,6^m41^s.000$	28° 40′ 11″.65	
99.10.11	7	41.106	13.00	
99.2		41.053	12.32	

13275 9.4 2.7596 +0.0069 +17.656 +0.183 — —

97.10.21	7	22 6 45.515	26 14 57.73	too ft.
98.10. 8	2	45.539	57.96	
98.10.10	3	45.556	55.47	
98.10.11	5	45.533	58.85	
98.5		45.536	57.50	

13290 9.2 2.7142 +0.0081 +17.691 +0.179 29°4610

98.11.11	5	22 7 37.074	29 37 42.70	

13291 10.0 2.7141 +0.0082 +17.695 +0.179 — —

97.10.29	7	22 7 41.874	29 38 57.43	
98. 9.30	5	41.617	58.83	too ft.
98.3		41.746	58.13	

13293 9.5 2.7791 +0.0066 +17.704 +0.183 24°4555

97.11.19	7	22 7 55.093	25 1 28.72	
98.11. 3	5	55.146	27.73	
98.11. 5	7	55.103	27.97	
98.5		55.114	28.14	

13295 9.5 2.7454 +0.0075 +17.709 +0.180 27°4281

97.11.18	7	22 8 3.151	27 31 15.81	n. f. of 2
99. 9. 5	7	3.244	16.05	
99. 9.28	7	3.284	17.25	
99.1		3.226	16.37	

13298 9.4 2.7350 +0.0077 +17.713 +0.180 28°4323

98.10.13	5	22 8 8.249	28 16 43.16	
98.10.18	5	8.346	42.05	
99.10. 6	7	8.477	41.03	
99.1		8 357	42 08	

13299 9.5 2.7797 +0.0066 +17.716 +0.183 24°4557

99. 9.30	7	22 8 12.909	25 1 51.11	
99.10. 2	5	12.669	50.45	− 5′
99.10. 5	7	12.855	50.72	
99.8		12.811	50.76	

13320 9.5 2.7538 +0.0076 +17.785 +0.178 — —

97.10.11	4	22 9 55.002	27 16 14.43	
98.10. 3	5	55.008	15.31	
98.11. 1	5	55.031	15.34	+ 10^s
98.5		55.014	15.03	

13342 9.3 2.7706 +0.0074 +17.862 +0.176 26°4397

97.10. 4	7	22 11 49.843	26 24 0.71	
97.11.18	7	49.928	0.26	f. of 2
98. 9.21	7	49.946	0.49	
98.1		49.906	0.49	

13356 $9^\mathrm{m}5$ $2^\mathrm{s}7724$ $+0^\mathrm{s}0075$ +17″905 +0″175 — —

97.10.21	7	$22^\mathrm{h}12^\mathrm{m}54^\mathrm{s}947$	26° 28′ 2″17	
97.10.30	5	54.982	3.83	
98. 9.30	7	55.098	2.45	
98.11.29	6	55.154	3.92	
98.3		55.045	3.09	

13358 9.3 2.7598 +0.0078 +17.910 +0.174 — —

97.10.29	7	22 13 2.885	27 26 51.16	
98.10. 8	5	2.786	50.25	p. of 3
98.10.10	5	2.581	52.18	
98.10.11	5	2.630	51.00	
98.5		2.720	51.15	

13362 9.5 2 7665 +0.0078 +17.936 +0.172 — —

97.10.11	5	22 13 43.303	27 4 46.42
98.10. 3	5	43.378	44.53
98.11. 1	5	43.149	44.30
98.5		43.277	45.08

13373 9.5 2.7316 +0.0088 +17.967 +0.169 29°4637

97.11.19	7	22 14 30.178	29 50 4.83
98.10.13	5	30.079	3.48
98.10.18	5	30.056	3.91
98.5		30.104	4.07

13375 9.5 2.7717 +0.0078 +17.970 +0.172 26°4407

97.11.13	7	22 14 34.434	26 51 47.61
98.11. 3	7	34.531	47.06
98.11. 5	5	34.678	47.15
98.5		34.548	47.27

13379 9.4 2.7654 +0.0080 +17.981 +0.171 — —

97.11.18	5	22 14 53.049	27 24 2.78
98.11.11	5	52.675	3.80
98.11.22	5	53.047	1.30
98.5		52.924	2.63

13395 9.0 2.7691 +0.0083 +18.074 +0.167 — —

97.10. 4	5	22 17 16.455	27 37 2.08
98. 9 21	7	16.703	1.78
98.10. 8	5	16.762	1.86
98.4		16.640	1.91

13398 9.3 2.7940 +0.0075 +18.086 +0.168 — —

97.10.11	7	22 17 36.509	25 43 12.01	f. of 2
98.10. 3	5	36.559	10.45	
98.10.10	5	36.347	10.22	
98.10.11	5	36.555	11.03	
98.5		36.492	10.93	

13409 9.4 2.7731 +0.0083 +18.106 +0.166 27°4307

97.10.21	7	22 18 7.744	27 29 32.90
97.10.30	7	7.889	34.19
98.11. 1	5	7.877	33.04
98.2		7.837	33.38

13411 $9^\mathrm{m}5$ $2^\mathrm{s}7777$ $+0^\mathrm{s}0082$ +18″108 +0″166 27°4309

97.10.29	7	$22^\mathrm{h}18^\mathrm{m}10^\mathrm{s}740$	27° 8′ 36″30
98.10.13	5	10.711	38.42
98.10.18	5	10.963	37.06
98.5		10.805	37.26

13416 9.5 2.7814 +0.0081 +18.122 +0.166 26°4425

97.11.19	7	22 18 33.821	26 56 2.15	
98.11.11	5	34.316	2.63	
98.11.29	5	34.262	3.60	− 5′
98.6		34.133	2.79	

13416$^\mathrm{a}$ 9.5 2.7785 +0.0082 +18 127 +0.165 27°4312

97.11.13	3	22 18 42.617	27 11 25.71	‖ no other star

Confirmed by Oxford photograph 98.9.23

13426 No star in place: see main catalogue

13431 9.5 2.7776 +0.0084 +18.157 +0.164 — —

97.11.18	7	22 19 29.597	27 26 4.44
99. 9.28	7	29.528	5.60
99. 9.30	7	29.806	4.30
99.1		29.644	4.78

13438 9.0 2.7668 +0.0088 +18.187 +0.162 — —

98.11. 5	5	22 20 18.188	28 27 49.56
99.10. 2	7	18.206	48.99
99.10. 5	7	18.165	49.26
99.5		18.186	49.27

13444 9.3 2.7593 +0.0091 +18.200 +0.161 29°4660

97.12. 8	7	22 20 39.293	29 8 12.13
98.10. 8	5	39.327	11.81
98.10.11	5	39.257	12.08
98.5		39.292	12.01

13457 9.4 2.7655 +0.0091 +18.229 +0.160 28°4374

97.10. 4	7	22 21 27.760	28 49 59.67
98. 9.21	7	27.813	60.40
98.10. 3	5	27.813	60.68
98.4		27.795	60.25

13464 9.4 2.7880 +0.0085 +18.253 +0.161 27°4324 A

97.10.21	7	22 22 7.205	27 10 0.40
98.10.18	5	7.237	0.74
98.11. 1	5	7.383	1.04
98.5		7.275	0.73

13464$^\mathrm{a}$ 9.4 2.7880 +0.0085 +18.254 +0.161 27°4324 B

97.10.11	7	22 22 8.887	27 10 14.90	‖ n. f. of 2

Confirmed by Oxford photograph 98.9.23

13471 9.5 2.7970 +0.0083 +18.282 +0.159 — —

97.10.29	7	22 22 55.554	26 36 44.64
97.10.30	7	55.747	45.32
98.11.22	5	55.748	44.28
98.2		55.683	44.75

13474 $9^{m}0$ $2^{s}7902$ $+0^{s}0086$ $+18''287$ $+0''159$ — —

97.11.19	7	$22^{h}23^{m}3^{s}798$	27° 11′ 47″32	
98.11.11	5	3.831	47.56	
98.11.29	5	3.666	48.31	
98.6		3.765	47.73	

13485 9.4 2.7859 +0.0089 +18.310 +0.158 — —

97.11.13	7	22 23 41.384	27 41 58.79	
98.11. 5	5	41.367	56.49	
99. 9.28	7	41.626	58.16	
98.8		41.459	57 81	

13489 9.4 2.7553 +0.0098 +18.315 +0.156 — —

97.11.18	7	22 23 50.454	30 12 3.67	
98.10.11	5	50.396	6.65	
99. 9.30	7	50.596	4.65	
98.8		50.482	4.99	

13496 9.3 2.8069 +0.0083 +18.340 +0.158 26°4445

97.12. 8	7	22 24 33.314	26 8 7.67	
98.10. 3	5	33.378	7.74	
98.10. 8	5	33.366	8.22	
98.5		33.353	7.88	

13509 9.2 2.8233 +0.0080 +18.394 +0.156 — —

97.10. 4	7	22 26 4.446	25 2 30.01	
98. 9.21	7	4.387	31.33	
98.10.18	5	4.566	31.52	
98.4		4.466	30.95	

13525 9.3 2.7794 +0.0096 +18.429 +0.152 28°4397

97.10.11	7	22 27 4.769	29 2 51.89	
98.11. 1	5	4.721	51.47	
98.11.11	5	4.674	51.52	
98.5		4.721	51.63	

13527 9.4 2.8137 +0.0085 +18.430 +0.154 — —

97.10.21	7	22 27 6.700	26 7 54.52	
97.10.30	5	6.890	55.26	
98.11. 5	3	6.771	54.11	
98.2		6.787	54.63	

13538 9.3 2.7684 +0.0102 +18.459 +0.150 30°4736

97.11.19	5	22 27 58.898	30 11 7.80	
98.10.11	5	58.788	8.08	no star p.
98.11.22	5	58.969	6.77	
98.5		58.885	7.55	

13542 9.1 2.7852 +0.0097 +18.472 +0.150 28°4402

97.11.13	7	22 28 21.590	28 53 3.00	
98.10. 3	7	21.524	1.80	clds.
98.10. 8	5	21.565	2.62	
98.5		21.560	2.47	

13544 9.1 2.8303 +0.0081 +18.473 +0.153 24°4612

97.11.18	7	22 28 23.279	24 56 24.45	
98.11.29	7	23.335	26.63	
99. 9.28	7	23.640	25.91	
98.8		23.418	25.66	

13546 $9^{m}5$ $2^{s}7953$ $+0^{s}0094$ $+18''478$ $+0''150$ — —

97.11.25	3	$22^{h}28^{m}30^{s}506$	28° 3′ 22″04	v. ft.
99. 9.30	7	30.854	24.66	
99.10. 2	7	30.705	22.95	v. ft.
99.1		30.688	23.22	

13559 9.5 2.8330 +0.0082 +18.506 +0.152 — —

97.12. 8	7	22 29 19.939	24 54 48.76	v. ft.
99.10. 5	7	20.306	48.88	
99.10. 6	7	20.365	47.84	
99.2		20.203	48.49	

13563 9.5 2.8088 +0.0091 +18.509 +0.150 — —

98.10.18	5	22 29 25.989	27 6 29.17	
98.11. 5	5	26.036	28.52	
99.10. 7	7	26.072	28.68	
99.10.10	7	26.342	28.80	
99.3		26.110	28.79	

13580 9.3 2.8157 +0.0091 +18.559 +0.147 26°4464

97.10. 4	7	22 30 55.869	26 51 17.92	
98. 9.21	7	55.799	18.70	
98.11. 1	5	56.014	19.46	
98.4		55.894	18.69	

13588 9.5 2.7833 +0.0104 +18.581 +0.145 29°4714

97.10.11	4	22 31 35.958	29 52 17.25	
98.11.11	5	35.755	17.21	
98.11.22	5	35.857	16.43	
98.5		35.857	16.96	

13598 9.5 2.8286 +0.0089 +18.605 +0.146 25°4781

97.10.30	7	22 32 19.843	26 1 47.54	
98.10. 8	5	19.845	47.33	
98.10.11	5	19.743	46.52	
98.5		19.810	47.13	

13602 9.4 2.8044 +0.0099 +18.618 +0.144 28°4423

97.11.19	7	22 32 43 467	28 19 40.80	
98.11.29	7	43.473	41.61	
99. 9.28	7	43.589	41.86	
98.8		43.510	41.42	

13612 9.5 2.8149 +0.0095 +18.632 +0.144 27°4366

97.11.13	5	22 33 9.122	27 29 40.06	
98.10.18	5	9.114	40.36	
98.11. 5	5	9.020	40.23	
98.5		9.085	40.22	

13622 9.4 2.8267 +0.0092 +18.650 +0.143 26°4476

97.11.18	7	22 33 43.835	26 32 57.66	
99. 9.30	7	44.130	58.61	
99.10. 2	7	44.051	58.61	
99.1		44.005	58.29	

13626 9.5 2.8174 +0.0096 +18.666 +0.142 27°4374

97.12. 8	7	22 34 13.611	27 32 29.32	
98.10.28	5	13.864	28.37	
98.11. 1	5	13.820	29.00	
98.5		13.765	28.90	

13653	$9^m.5$	$2^s.7997$	$+0^s.0109$	+18″.746	+0″.137	29°4739
97.10. 4	7	$22^h36^m44^s.076$		29° 51′ 9″.22		
98.10. 8	5	44.241		10.76		
98.10.11	5	44.171		10.36		
98.4		44.163		10.11		
13657	9.5	2.8493	+0.0089	+18.756	+0.139	25°4793
97.10 11	7	22 37 4.226		25 13 40.66		
98.10.18	5	4.132		39.45		
98.11. 4	3	4.255		39.50		
98.11. 5	3	4.369		39.20		
98.6		4.246		39.70		
13662	8.7	2.8515	+0.0089	+18.771	+0.138	25°4795
96. 9.28	5	22 37 33.216		25 7 47.24		
96.10. 9	7	33.017		47.42		
96.10.21	7	33.071		47.45		v. unsteady
96.8		33.101		47.37		
13666	9.5	2.8111	+0.0107	+18.781	+0.136	29°4743
97.11.19	7	22 37 54.254		29 7 15.61		
98.11.11	5	54.102		16.03		
98.11.22	7	54.226		12.90		
98.5		54.194		14.85		
13670	9.5	2.8128	+0.0106	+18.787	+0.135	— —
97.11.13	7	22 38 5.237		29 1 8.46		
98.11.29	7	5.192		8.60		
99. 9.28	7	5.497		8.68		
98.8		5.309		8.58		
13676	9.5	2.8387	+0.0097	+18.797	+0.136	— —
97.11.18	7	22 38 24.630		26 37 17.91		
99. 9.30	7	24.887		18.07		
99.10. 2	7	24.963		16.69		
99.1		24.827		17.56		
13679	9.2	2.8047	+0.0112	+18.815	+0.133	29°4748
97.12. 8	7	22 39 0.298		30 2 7.49		
99.10 5	7	0.481		6.52		
99.10. 6	7	0.480		6.59		
99.2		0.420		6.87		
13680	9.2	2 8079	+0.0112	+18.825	+0.133	29°4750
98.11. 1	7	22 39 21.171		29 50 19.37		
98.11. 4	5	21.294		18.89		
98.11. 5	5	21.258		19.01		
98.8		21.241		19.09		
13685	7.2	2.8096	+0.0112	+18.837	+0.132	29°4753
96. 9.19	3	22 39 44.255		29 47 44 25		
96. 9.28	2	44.521		44.16		
96. 9.30	7	44.469		43.56		bright field
96.7		44.415		43.99		
13696	9.4	2.8304	+0.0104	+18.856	+0.132	27°4403
97.10. 4	5	22 40 22.155		27 58 35.93		
98.10. 8	4	22.221		36.82		
98.10.11	5	22.403		38.13		
98.4		22.260		36.96		

13710	$9^m.3$	$2^s.8144$	$+0^s.0114$	+18″.901	+0″.129	29°4768
97.10.11	7	$22^h41^m53^s.916$		29° 59′ 31″.96		
97.11.13	7	54.023		32.52		
98.10.18	5	53.881		31.31		
98.1		53.940		31.93		
13727	9.2	2.8247	+0 0113	+18.944	+0.127	29°4773
97.11.10	7	22 43 21.953		29 26 2.36		– 1′
97 11.18	7	21.948		2.95		
97.11.19	7	22.028		4.40		
97.9		21.976		3.24		
13731	9.2	2.8530	+0.0101	+18.955	+0.128	— —
97.10. 4	7	22 43 45.393		26 39 24.04		
97.11.25	7	45.468		24.61		
98. 9.21	7	45.416		24.18		
98.1		45.426		24.28		
13750	9.1	2.8321	+0.0116	+19.018	+0.123	29°4788
97.10.11	5	22 46 1.021		29 30 54.46		
97.12. 8	7	0.812		54.44		
98.10. 8	5	1.021		53.15		
98.10.11	5	0.947		53.20		
98.3		0.950		53.81		
13759	9.3	2.8427	+0 0114	+19.048	+0.121	28°4476
97.11.10	7	22 47 5.717		28 46 7.38		
97.11.18	7	5.864		7.94		
97.11.19	7	5.831		8.39		
97.9		5.804		7.90		
13764	9.3	2.8598	+0.0107	+19.060	+0.121	26°4527
96. 9.19	7	22 47 30.954		27 3 58.61		s. f. of 2 :
96. 9.28	7	30.967		57.62		[brighter
96. 9.30	7	31.086		58.81		
96.7		31.002		58.35		
13768	9.5	2.8762	+0.0099	+19.065	+0.122	25°4836
97.10. 4	7	22 47 43.440		25 18 11.07		
97.11.25	7	43.302		11.28		
98. 9.21	7	43.292		11.11		
98.1		43.345		11.15		
13778	9.0	2.8810	+0.0098	+19.096	+0.120	— —
97.11.13	5	22 48 51.647		25 5 21.41		
97.12.15	7	51.723		22.85		
98.10.18	5	51.767		21.38		-20^s
98.2		51.712		21.88		
13786	9.5	2.8546	+0.0116	+19.137	+0.116	28°4486
97.10.11	7	22 50 23.684		28 33 52.96		
97.12. 8	7	23.549		53.02		
98.10. 8	5	23.735		51.17		
98.10.11	5	23.840		51.84		
98.3		23.702		52.25		
13795	9.5	2.8522	+0.0119	+19.155	+0.115	28°4489
97.11.10	7	22 51 6.583		29 4 27.43		v. ft.
97.11.18	7	6.986		27.10		
97.11.19	7	7.052		28.75		
97.9		6.874		27.76		

13807 $9^{\mathrm{m}}.2$ $2^{\mathrm{s}}.8500$ $+0^{\mathrm{s}}.0123$ $+19''.183$ $+0''.113$ 29°4822

97.10. 4	7	$22^{\mathrm{h}}52^{\mathrm{m}}11^{\mathrm{s}}.767$	29° 41′ 47″.77	
97.11.25	7	11.861	48.16	
98. 9.21	7	11.786	49.40	
98.1		11.805	48.44	

13814 9.5 2.8637 +0.0118 +19.201 +0.112 — —

97.11.13	7	22 52 54.669	28 23 45.76	
97.12.15	7	54.648	44.98	
98.10.18	5	54.676	43.77	
98.2		54.664	44.84	

13838 9.5 2.8616 +0.0125 +19.259 +0.108 29°4836

97.10.11	7	22 55 13.943	29 28 32.53	s. of 2
97.11.18	7	13.935	31.73	
98.10.11	5	14.009	31.22	
98.1		13.962	31.83	

13841[a] 9.5 2.8693 +0.0122 +19.272 +0.107 28°4504

97.11.19	7	22 55 47.276	28 46 4.84	
98.10.31	5	47.444	7.67	
98.11.11	5	47.127	4.00	
98.5		47.282	5.50	

The Z.C. place of 13841 is 1′ wrong: corrected reduction gives

83.10.29	4	22 55 47.609	28 46 4.39	+ 1′

13842 9.5 2.8850 +0.0114 +19.283 +0.108 26°4553

97.10. 4	5	22 56 13.465	27 1 24.97	
98.11. 1	5	13.790	26.03	
98.11. 5	5	13.740	25.85	
98.5		13.665	25.62	

13849 9.1 2.8726 +0.0122 +19.293 +0.106 28°4509

97.11.13	7	22 56 39.538	28 42 6.13	
98.10.18	5	39.320	6.36	
98.11.22	5	39.390	5.54	
98.5		39.416	6.01	

13853 9.3 2.8667 +0.0127 +19.305 +0.105 29°4844

97.12. 8	7	22 57 8.546	29 35 4.00	
97.12.15	7	8.993	4.72	
98.11.29	5	8.951	3.76	
98.12. 7	5	9.015	3.64	
98.4		8.876	4.03	

13873 9.2 2.8800 +0.0125 +19.355 +0.101 — —

97.10.11	7	22 59 18.220	28 47 15.65	
97.11.18	7	18.040	14.61	
98.10.11	5	17.993	14.58	
98.1		18.084	14.95	

13874 9.3 2.8797 +0.0125 +19.355 +0.101 28°4517

97.11.10	7	22 59 19.081	28 49 45.29	
98.10.28	5	19.253	46.43	
98.10.31	5	19.393	48.94	
98.5		19.242	46.89	

13883 $9^{\mathrm{m}}.4$ $2^{\mathrm{s}}.8751$ $+0^{\mathrm{s}}.0131$ $+19''.379$ $+0''.099$ — —

97.10. 4	7	$23^{\mathrm{h}}\ 0^{\mathrm{m}}21^{\mathrm{s}}.682$	29° 49′ 17″.61	
98.10.18	5	22.011	18.67	
98.11. 1	5	22.115	19.17	
98.5		21.936	18.48	

13889 9.4 2.8803 +0.0129 +19.386 +0.099 29°4859

97.11.19	7	23 0 40.483	29 17 9.34	
97.12.15	7	40.515	9.32	
98.11. 5	5	40.509	7.62	
98.2		40.502	8.76	

13891 9.3 2.8768 +0.0132 +19.389 +0.099 — —

97.11.13	7	23 0 49.110	29 47 16.68	
97.12. 3	5	49.119	16.79	v. ft.
98.11.11	5	48.895	18.41	bad
98.12. 7	5	49.222	17.55	
98.4		49.086	17.36	

13893 9.5 2.8822 +0.0129 +19 393 +0.099 29°4861

97.11.25	2	23 0 58.947	29 10 22.05	
97.12. 8	7	58.703	21.30	
98.11.22	5	58.938	20.60	
98 11.29	5	58.959	21.50	
98.4		58.887	21.36	

13916 9.5 2.8893 +0.0130 +19.433 +0.095 28°4534

97.11.18	5	23 2 48.071	28 59 35.31	
98.10.28	5	48.163	35.27	
98.10.31	5	48.282	38.08	
98.5		48.172	36.22	

13918 9.5 2.8998 +0.0123 +19.438 +0.096 27°4499

97.11.10	5	23 3 2.461	27 40 20.18	
98.10.11	5	2.759	20.80	
98.10.24	5	3.004	22.41	
98 5		2.741	21.13	

13931 9.5 2.9169 +0.0115 +19.461 +0.094 — —

97.11.19	4	23 4 7.333	25 42 34.85	
98.10.18	5	7.153	36.48	
98.11. 1	5	7.335	36.26	
98.5		7.274	35.86	

13932 9.5 2.8953 +0.0130 +19.465 +0.093 28°4539

97.11.13	5	23 4 17.782	28 47 42.76	
97.12.15	7	17.687	43.84	
98.11. 3	5	17.647	42.39	
98.12. 7	5	17.607	42.85	
98.4		17.681	42.96	

13944 9.5 2.8913 +0.0136 +19.487 +0.091 29°4878

97.11.25	7	23 5 21.077	29 48 43.74	n. p. of 2
98.11. 5	5	21.227	43.09	
98.11.11	5	20.978	43.46	
98.5		21.094	43.43	

The B.D. *α* is 4^{s} less

13948 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.8917$ $+0^{\mathrm{s}}.0136$ $+19''.488$ $+0''.091$ — —

97.12 3	5	$23^{\mathrm{h}}\ 5^{\mathrm{m}}25^{\mathrm{s}}.644$	$29^{\circ}\ 47'\ 31''.15$
98.11.22	5	25.287	28.20
98 11.29	7	25.487	29.37
98 6		25.473	29 57

13970 9.4 2.9264 +0.0117 +19.530 +0.089 25°4899

97.11.18	7	23 7 28.837	25 39 6.93
98.10.11	7	28.993	7.57
98.10.24	5	29.137	9.51
98.5		28.989	8.00

13975 9.5 2.9244 +0.0120 +19.535 +0.088 25°4900

97.12. 8	7	23 7 45.458	26 4 26.41
98.10.18	5	45.506	26.39
98.10.28	5	45.568	25.76
98.12. 7	5	45.489	26.93
98.6		45.505	26.37

13976 9.5 2.9101 +0.0132 +19.543 +0.087 — —

97.11.13	5	23 8 8.102	28 23 26.72
98.10.31	5	7.947	27.17
98.11. 1	5	7.728	23.59
98.5		7.926	25.83

13981 9.4 2.9318 +0.0116 +19.550 +0.087 25°4902

97.12.15	7	23 8 28.483	25 14 19.09
98.11. 3	7	28.464	15.94
98.11. 5	5	28.630	16.81
98.5		28.526	17.28

13987 9.3 2.9354 +0.0115 +19.562 +0.086 24°4735

97.11.25	7	23 9 7.094	24 55 54.69	
98.11.11	2	7.087	51.96	bad
98.11.22	5	7.081	53.76	
98.5		7.087	53.47	

14009 9.5 2.9361 +0.0121 +19.604 +0.082 25°4911

97.11.18	7	23 11 21.459	25 47 51.67
98.10.24	5	21.666	53.75
98.10.28	5	21.457	51.81
98.5		21.527	52.41

14012 9.4 2.9370 +0.0122 +19.611 +0.081 25°4912

97.12. 3	7	23 11 42.324	25 48 56.17
98.11. 5	3	42.799	56.36
98.11.29	3	42.450	56.22
98.6		42.524	56.25

14014 9.5 2.9101 +0.0144 +19.611 +0.081 30°4919

97.12 8	7	23 11 43.791	30 7 49 33
98 10.31	5	44.106	52.26
98.11. 1	5	44.065	49.13
98.5		43.987	50.24

14022 9.3 2.9328 +0.0128 +19.625 +0.080 26°4600

97.11.25	5	23 12 28.779	26 51 48.19
98.11.22	3	28.601	46.94
98.4		28.690	47.56

14029 $9^{\mathrm{m}}.5$ $2^{\mathrm{s}}.9329$ $+0^{\mathrm{s}}.0132$ $+19''.645$ $+0''.077$ 27°4529

97.12 15	7	$23^{\mathrm{h}}13^{\mathrm{m}}37^{\mathrm{s}}.435$	$27^{\circ}\ 24'\ 23''.49$
98.12. 7	5	37.524	23.96
98 12.22	5	37.084	22.58
98.6		37.348	23.34

14030 8.5 2.9287 +0.0136 +19.647 +0.077 28°4562

96. 9.30	7	23 13 45.407	28 11 10.82
96 10. 9	7	45.210	10.67
96.10.21	7	45.263	9.73
96.8		45.293	10.41

14033 9.4 2.9447 +0.0122 +19.649 +0.077 25°4920

98.11. 3	5	23 13 50.477	25 30 53.36
98.12. 9	7	50.331	54.12
99.11.23	7	50.570	54.06
99.11 27	7	50.669	53.36
99 11.28	7	50.791	54.61
99 5		50.568	53.90

14034 9.5 2.9354 +0.0131 +19.653 +0.077 27°4531

98.11. 5	5	23 14 2.747	27 12 20.63
98.12.19	7	2 631	21.97
98.12.20	7	2.697	21.89
98.9		2.692	21.50

14045 9.2 2.9416 +0.0128 +19.665 +0.075 26°4609

97.12. 3	5	23 14 47.553	26 31 0.39
98.10.31	5	47.426	2.77
98.11. 1	5	47.505	0.42
98.5		47.495	1.19

14048 9.4 2.9363 +0.0134 +19.669 +0.075 27°4535

97.11.18	7	23 15 1.361	27 32 56.31
98.10.24	5	1.380	59.50
98.10.28	5	1.254	58.32
98.5		1.332	58.04

14083 9.5 2.9475 +0 0139 +19.737 +0.068 27°4546

97.11.10	6	23 19 10.719	27 46 52.76
97.12.15	3	10.725	54.93
98.10.24	5	10.951	55.15
98.2		10.798	54.28

14092 9 5 2.9528 +0.0138 +19 753 +0 066 27°4551

97.11.13	7	23 20 13.473	27 21 60.24
98.10.31	3	13.382	61.55
98.11 1	3	13.334	59.61
98.5		13.396	60.47

14097 9.0 2.9492 +0.0143 +19.758 +0.065 — —

97.11.18	7	23 20 33.601	28 15 22.95
98.11. 3	3	33.607	22.89
98.11. 5	7	33.713	22.05
98.5		33.640	22.63

14098 9.3 2.9539 +0.0139 +19.760 +0.065 27°4553

97.11.25	7	23 20 41.307	27 24 44.47
98.11 22	7	41.353	43.16
98.12. 7	5	41.392	44.11
98.6		41.351	43.91

14104 9$^{\mathrm{m}}$5 2$^{\mathrm{s}}$9623 +0$^{\mathrm{s}}$0133 +19″775 +0″063 — —

97 12. 3	6	23$^{\mathrm{h}}$21$^{\mathrm{m}}$41$^{\mathrm{s}}$033	26° 17′ 58″88	v. ft.
98.11.25	7	41.310	60.12	
98.11.29	5	41.115	57.41	
98.6		41.153	58.80	

14105 9.5 2.9526 +0.0145 +19.777 +0.062 — —

97.12. 8	7	23 21 50.112	28 22 23.03	
98.12. 9	7	50.422	23.91	
98.12.10	7	50.354	23.07	
98.12.19	7	50.189	23.76	
98.7		50.269	23.44	

14115 9.5 2.9510 +0.0150 +19.787 +0.061 29°4933

97.12.14	7	23 22 33.109	29 8 57.57	
97.12.15	7	32.995	57.15	
98.11. 3	4	33.227	57.53	
98.2		33.110	57.42	

14117 9.5 2.9606 +0.0139 +19.789 +0.062 27°4557

97.11.18	1	23 22 41.443	27 15 31.45	
98.10.31	5	41.252	34.28	
98.11. 1	5	41.371	30.79	
98.5		41.355	32.17	

14127 9.4 2.9702 +0.0133 +19.803 +0.059 — —

97.11.10	5	23 23 44.601	25 50 50.10	
97.11.13	5	44.763	52.15	
98.10.24	5	44.995	53.14	
98.12. 7	5	44.727	51.73	
98.4		44.772	51.78	

14164 9.3 2.9829 +0.0138 +19.866 +0.051 25°4968

97.11.10	5	23 28 34.669	26 4 35.64	
97.12.15	7	34.691	36.65	
98.10.24	5	34.826	37.35	
98.12. 7	5	34.665	36.65	
98.4		34.713	36.57	

14167 9.2 2.9704 +0.0158 +19.872 +0.050 29°4964

97.11.13	7	23 29 2.389	29 29 35.34	
97.12.14	7	2.125	34.40	
98.10.31	5	2.388	36.82	
98.2		2.301	35.52	

14169 9.5 2.9844 +0.0138 +19.872 +0.050 — —

97.11.18	7	23 29 6.254	26 2 60.16	
97 12.22	7	5.960	59.30	v. ft.
98.11. 1	5	6.538	60.52	
98.2		6.251	59.99	

14172 9.5 2.9895 +0.0133 +19.878 +0.049 25°4973

97.11.25	7	23 29 37.520	25 6 5.68	
98.11. 3	7	37.277	5.76	
98.11 5	7	37.395	4.78	
98.5		37.397	5.41	

14177 9$^{\mathrm{m}}$5 2$^{\mathrm{s}}$9794 +0$^{\mathrm{s}}$0152 +19″884 +0″048 — —

97.12. 3	7	23$^{\mathrm{h}}$30$^{\mathrm{m}}$ 7$^{\mathrm{s}}$841	28° 7′ 2″86	
98.11.18	5	7.985	2.65	
98.12.22	5	7.837	1.34	
98.6		7.888	2.28	

14180 7.7 2.9744 +0.0163 +19.892 +0.046 29°4971

96. 9.30	5	23 30 52.021	29 59 3.33	bright field
96.10. 9	7	52.042	2.50	bright field
96.10.21	4	52.178	2.75	
96.8		52.080	2.86	

14186 9.5 2.9822 +0.0153 +19.896 +0.046 28°4609

97.12. 8	7	23 31 13.752	28 18 2.47	
98.11.25	5	13.864	1.25	
98.11.29	2	14.176	1.48	
98 6		13.931	1.73	

14195 6.8 2.9909 +0.0150 +19.917 +0.043 27°4588

96. 9.30	5	23 33 13.586	27 32 50.99	bright field
96.10. 9	5	13.551	50.26	bright field
96.10.21	5	13.512	50.42	
96.8		13.550	50.56	

14197 9.5 2.9898 +0.0154 +19.920 +0.042 — —

97.11.13	7	23 33 26.507	28 4 6.78	
97.12.15	7	26.383	6.22	
98.10.24	5	26.588	6.07	
98.12. 7	5	26.789	5.54	
98.4		26.567	6.15	

14204 9.5 2.9914 +0.0155 +19.926 +0.041 — —

97.11.18	7	23 34 3.451	28 9 20.48	
97.12.14	2	3.195	16.79	v. ft.
98.10.31	5	3.473	21.76	
98.2		3.373	19.68	

14209 9.5 3.0048 +0.0139 +19.938 +0.038 25°4984

97.11.25	7	23 35 21.913	25 11 51.90	
97.12.22	7	21.619	49.01	
98.11. 1	5	22.002	51.91	
98.2		21.845	50.94	

14222 9.2 2.9982 +0.0160 +19.950 +0.036 28°4620

97.12. 3	7	23 36 38.184	28 33 38.64	
98.11. 3	5	38.115	38.29	
98.11. 5	5	38.128	37.43	n.p. of 2
98.5		38.142	38.12	

14226 9.5 2.9974 +0.0164 +19.954 +0.035 29°4980

97.11.13	7	23 37 1.916	29 14 17.59	
98.10.24	5	2.160	17.42	
98.11.18	5	2.087	15.66	
98.11.22	5	1.813	14.34	
98.6		1.994	16.25	

14230 $9^{\mathrm{m}}.4$ $3^{\mathrm{s}}.0054$ $+0^{\mathrm{s}}.0151$ $+19''.957$ $+0''.034$ — —

97.11.10	5	$23^{\mathrm{h}}37^{\mathrm{m}}23^{\mathrm{s}}.828$	$26^{\circ}56'15''.37$	
97.12.15	7	24.186	17.43	p. of 2
98.10.31	5	24.016	19.87	
98.12. 7	5	23.531	17.40	p. of 2
98.4		23.890	17.52	

14242 9.1 3.0111 +0.0145 +19.964 +0.033 25°4993

97.11.18	7	23 38 13.721	25 43 35.06	
97.12.14	7	13.765	33.48	f. of 2
98.11.25	3	13.935	35.03	
98.11 29	5	13.906	33 04	
98.4		13.832	34.15	

14248 9.4 3.0020 +0.0168 +19.967 +0.032 — —

97.12. 8	7	23 38 39.965	29 31 29.54
97.12.22	2	40.191	25.87
98.11. 1	5	40.159	29.77
98.2		40.105	28.39

The Z.C. gives α $0^{\mathrm{s}}.9$ greater: Oxford photographs give α $0^{\mathrm{s}}.3$ greater

14250 8.6 3.0040 +0.0164 +19.968 +0.032 28°4634

96. 9.30	7	23 38 45.737	28 52 5.75
96.10. 9	7	45.580	5.67
96.10.21	7	45.612	4.66
96.8		45.643	5.36

14259 9.5 3.0073 +0.0167 +19.978 +0.030 29°4994

97.11.25	7	23 40 3.645	29 12 50.39
98.11. 3	5	3.662	48.68
98.11. 5	5	3.773	48.14
98.5		3.693	49.07

14270 9.5 3.0109 +0.0165 +19.983 +0.029 28°4639

97.12. 8	1	23 40 44.532	28 40 47.56
98.10.31	5	44.462	50.64
98.11.16	5	44.725	49.07
98.12. 7	5	44.603	49.26
98.6		44.580	49.13

14271 9.1 3.0181 +0.0148 +19.984 +0.028 25°5003

97.11.13	7	23 40 50.277	25 52 22.17
98.10.24	5	50.363	22.53
98.11 18	7	50.308	21.97
98.11.22	5	50.595	20.95
98.6		50.386	21.90

14278 9.3 3.0117 +0.0168 +19.987 +0.027 28°4640

97.11.10	7	23 41 16.586	29 3 45.33
97.12.15	7	16.868	47.13
98.11.25	7	16 958	48.62
98.11.29	5	16.873	46.37
98.4		16.821	46.86

14293 9.3 3.0145 +0.0170 +19.995 +0.025 29°5003

97.11.18	7	23 42 21.631	29 20 31.79
97.12.14	7	21.560	30.34
98.11. 1	5	21.686	30.35
98.2		21.626	30.83

14314 $9^{\mathrm{m}}.5$ $3^{\mathrm{s}}.0256$ $+0^{\mathrm{s}}.0157$ $+20''.007$ $+0''.021$ 26°4701

97.11.25	7	$23^{\mathrm{h}}44^{\mathrm{m}}16^{\mathrm{s}}.372$	$26^{\circ}58'50''.51$
97.12.22	7	16.326	49.70
98.10.24	5	16 442	50.71
98.12. 7	5	16.578	49.44
98.4		16.430	50.09

14322 9.5 3 0228 +0.0179 +20.014 +0.019 30°5041

97.11.10	7	23 45 25.138	30 11 30.48
97.12.15	7	25.363	32.18
98.10.31	5	25.269	33.08
98 2		25.257	31.91

14331 9.5 3.0314 +0.0162 +20.019 +0.017 27°4033

97.11.13	7	23 46 28.696	27 24 2.04
98.11. 1	5	28.674	0.58
98.11. 3	5	28.443	0.23
98.5		28.604	0.95

14335$^{\mathrm{a}}$ 9.5 3.0331 +0.0166 +20.024 +0.015 27°4638

97.11 18	7	23 47 19.636	27 54 14.12	
98 11. 5	5	19.636	13.13	
98.11.16	5	19.672	14.47	no other star
98.5		19.648	13.91	

The Z.C. place of 14335 is 1′ wrong: corrected reduction gives

73.10.20	3	23 47 19.747	27 54 13.52	+ 1′

14342 9.5 3 0394 +0.0156 +20.029 +0.014 — —

97.11.25	7	23 48 31.843	26 6 51.25
98.10.24	5	31.878	51.13
98.11.18	3	31.749	48.89
98.11.22	7	31.886	49.59
98.6		31.839	50.22

14344 9.5 3.0338 +0.0180 +20.029 +0.013 — —

97.12. 8	7	23 48 33.398	29 56 48.47
98.11.25	7	33.642	49.58
98.11.29	7	33.583	48.89
98.6		33.541	48.98

14346 7.0 3.0370 +0.0167 +20.029 +0.013 27°4642

96. 9.30	7	23 48 38.545	27 56 12.67	
96.10. 9	6	38.547	11.44	bright field
96.10 21	7	38.633	12.75	bright field
96.8		38.575	12.29	

14350 9.5 3.0408 +0.0157 +20.032 +0.013 — —

97.12.14	7	23 49 5 399	26 18 18.69
98.10.31	3	5.604	22.06
98.12.22	2	5.781	20.54
98.6		5.595	20.43

14353 9.5 3.0418 +0.0159 +20.033 +0.012 26°4711

97.12.15	7	23 49 30.929	26 28 43.47
98.12. 7	7	30.778	43.71
99.11.23	7	30.888	43.97
99.11.27	7	30.945	43.52
99.2		30 885	43.67

14360 $9^{\rm m}.3$ $3^{\rm s}.0422$ $+0^{\rm s}.0170$ $+20''.037$ $+0''.010$ 28°4672

97.11.13	7	$23^{\rm h}\,50^{\rm m}\,23^{\rm s}.522$	28° 8′ 53″.75	
98.11. 1	5	23.714	53.40	
99.11.28	7	23.789	54.41	
98.9		23.675	53.85	

14361 9.5 3.0403 +0.0181 +20.037 +0.010 29°5030

97.12.22	7	23 50 24.334	29 43 7.87	
98.12. 9	7	24.547	7.77	
98.12.13	7	24.404	8.54	
98.6		24.428	8.06	

14362 9.4 3.0442 +0.0163 +20.037 +0.010 — —

98.11. 3	5	23 50 31.112	26 55 30.76	
98.12.20	7	31.157	31.65	$+10^{\rm s}$
99.12. 8	7	31.479	32.45	
99.2		31.249	31.62	

14366 9.1 3.0439 +0.0169 +20.038 +0.009 27°4650

97.11.18	5	23 50 48.248	27 53 9.06	
98.11. 5	7	48.525	7.33	
98.11.16	7	48.492	8.13	
98.5		48.422	8.17	

14367 9.0 3.0426 +0.0177 +20.038 +0.009 —

97.12. 8	2	23 50 51.755	29 8 0.17	
98.10.31	3	51.835	3.26	
99.12.11	1	52.470	0.79	v. ft.
99.12.30	2	52.131	2.21	
99.2		52.048	1.61	

14373$^{\rm a}$ $9^{\rm m}.0$ $3^{\rm s}.0443$ $+0^{\rm s}.0177$ $+20''.040$ $+0''.008$ — —

98.11.18	7	$23^{\rm h}\,51^{\rm m}\,22^{\rm s}.330$	29° 6′ 23″.24	‖

Confirmed by Oxford photograph 06.12.10

14403 9.5 3 0550 +0.0184 +20 049 +0.001 — —

97.11.13	7	23 55 48.200	29 35 28.71	
97.11.25	7	48.244	29.29	
98.10.24	5	48.483	27 58	
98.11. 3	5	48.293	27.61	
98.4		48.305	28.30	

14408 9.5 3.0583 +0.0170 +20 050 +0.000 27°4665

97.11.18	7	23 55 22.989	27 28 56.08	
97.12.15	7	23.079	55.99	
98 10.31	5	23.132	57.26	
98 11. 5	5	23.185	53.59	
98.4		23.096	55.73	

14409 9 5 3.0588 +0.0167 +20.050 +0.000 26°4733

97.12. 8	7	23 55 26.375	26 57 15.60	
97.12 14	7	26.488	14.34	
98.11. 1	7	26.651	15.03	
98.11.16	5	26.553	16.03	
98.4		26.517	15.25	

14428 9.1 3 0661 +0.0165 +20.053 −0.005 26°4741

97.11.25	4	23 57 51.730	26 16 20.01	
97.12.22	7	51.779	20.24	
98.10.24	5	51.923	21.12	
98.11. 3	5	51.807	19.54	
98.4		51 810	20.23	

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